



Manfrotto
LIGHTING AND CINE
SUPPORT SOLUTIONS

2006/07



LIGHTING AND CINE

Manfrotto offers the widest and most professional choice of lighting support solutions to serve the photographic, motion picture, broadcast and entertainment industries. The company's unrivalled experience combines revolutionary concepts and innovative design with advanced production technology, ensuring quality products that are unmatched for performance and value.

Grouped into two broad families - Lighting and Cine - Manfrotto lighting products and accessories meet the demands of any photographic or video application be it in the studio or on location.

Every studio and location requirement, from lighting support and control to rigging, suspension, mounting and lifting is answered by Manfrotto's comprehensive range of Stands, Clamps, Arms, Brackets, Bars, Grip Head System, Pump Cup and Wall Plates, Lighting Booms, Autopole® System, Background Support Systems, Sky Track System, Still Life Tables, Multiclamp System, Lighting Control, Lighting Control Mountings and Adapters.

Safety is a priority for Manfrotto: all equipment is designed to meet international regulations such as DIN 15560, TUV, CE and ISO standards. Examples of safety features include cranks that cannot accidentally unwind, captive lock-off knobs, stainless steel or rust proof dachromatic treated sockets, high efficiency wheel brake shoes, rock-solid stand locking collars which ensure all-weather operation and first class quality components in steel, stainless steel, aluminum tube and die cast aluminum.

Manfrotto assures a fast and effective after-sales support, including full availability of spare parts for all of our products

SUPPORT SOLUTIONS

This catalog of products is the result of over 30 years of experience in manufacturing stands and supports for the lighting industry. Manfrotto's extensive cooperation with world-leading lighting manufacturers and technicians guarantees a perfect match between professional requirements and tools.

CONTENTS

LIGHTING SUPPORTS

CINE SUPPORTS

LIGHTING AND CINE ACCESSORIES

KEY TO SYMBOLS



Minimum Height



Maximum Height



Closed Length



Footprint Diameter



Weight



Spigot Size *



Socket Size *



Grip Head Size



Top Tube Diameter



Suggested Wheels



Maximum Evenly Distributed Load on Level Ground



Maximum Load on Fully Extended Stand at 6° Inclination



Gravity Cast



Black



Air Cushioned



Black Chrome



17mm Stand Female Attachment



German Safety Standard

* NOTE: in product specifications you will often see a note referring to the spigot/socket type of the product (e.g. "type 14"). This type number refers to the spigot and socket variants shown on page 197.



For stands with maximum load over 3kg, this brochure specifies, in accordance with DIN 15560 norm, the load when the stand is fully extended at an inclination of 6° from vertical. DIN 15560 specifies the maximum load on a 'non-windup' stand is 18kg. Optional wheels invalidate the height and load specifications according to DIN 15560.

ORDERING

Products may be ordered by using the product code together with its title. Optional Black (**B**) finish, Air Cushioned (**AC**), Black Chrome (**CB**) finish and 17mm female attachment (**J**) versions are available where indicated. Add **B**, **AC**, **CB** or **J** to the product code when ordering.

Lighting Stands don't fall inside the European directive 98/37/CE and for this reason they don't need "CE" mark.



Manfrotto's Lighting line includes everything you need in a photographic or video studio. You can find a wide range of lighting stands, background supports, booms, ceiling suspension systems, still life tables, light and heavy hooks and a large selection of accessories allowing extreme customization of products and set-ups.

Innovative designs and high quality materials make these products safe and user friendly. In every single product you can spot several technical/manufacturing solutions designed to solve day-to-day transportation and handling problems. Last but not least our products' design allows for quick and simple maintenance.

Contents

STANDS
CLAMPS
ARMS, BRACKETS, BARS AND PUMP CUP
LIGHTING BOOMS
AUTOPOLE SYSTEM
BACKGROUND SUPPORT SYSTEMS
SKY TRACK SYSTEM
STILL LIFE TABLES AND MULTICLAMP SYSTEM



Manfrotto's range of stands consists of several product families which differ in design and materials depending both on the applications they are intended for and on the light type they have to support. These supports can be distinguished by the materials they are made of.

Our range includes products with aluminum components, which allow high wear strength and linearity in column extension. We offer two tubing technologies: electric welded aluminum and steel.

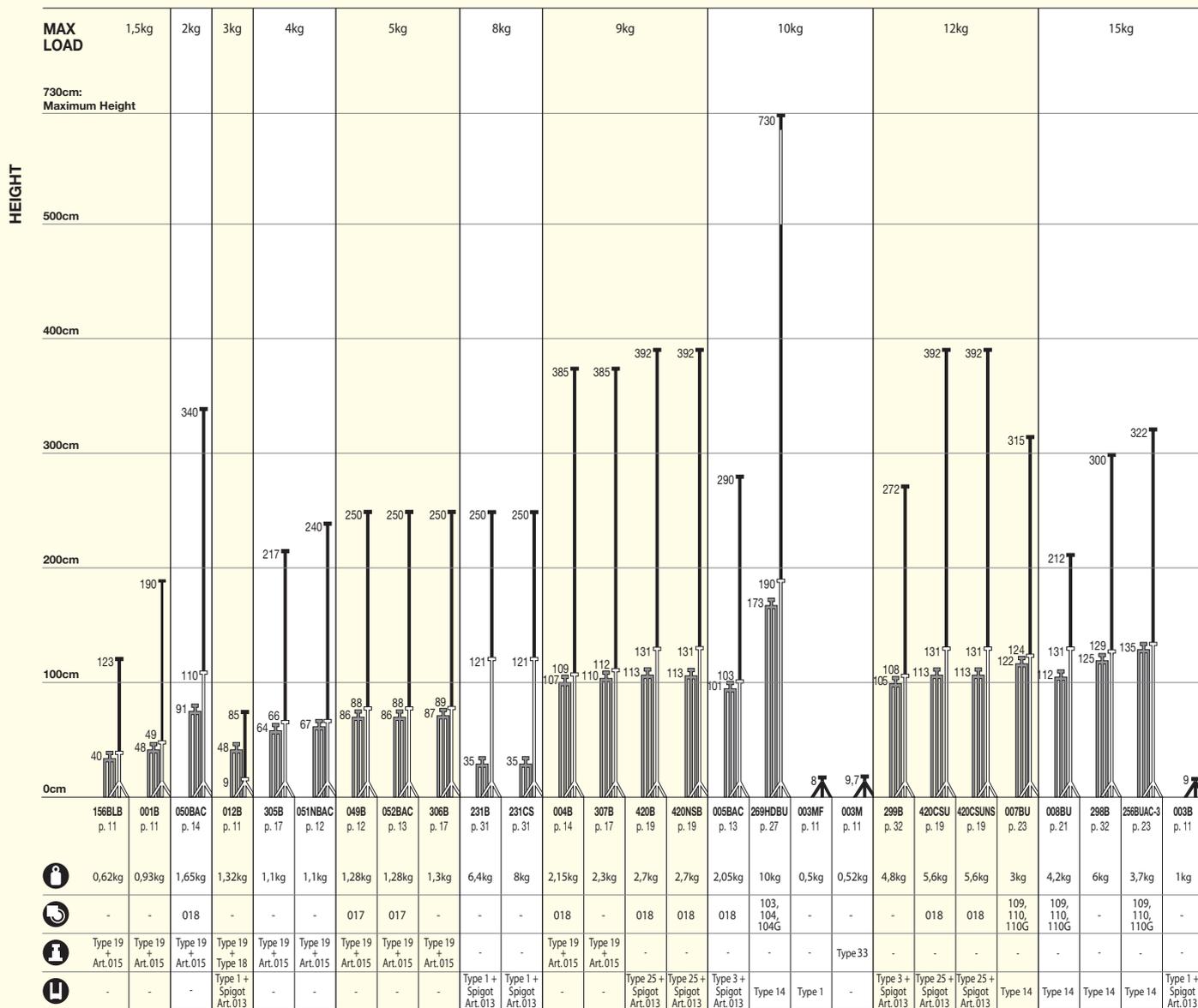
Special attention has been paid to multiple technical solutions like pneumatic damping and levelling legs, making these stands unique. The existing versions allow for extensions between 21cm and 585cm, with payloads between 1,5kg and 180kg.

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Manfrotto's range of stands consists of different product families which differ in design and materials depending both on the applications for which they are intended and on the type of light they support.

To make reference to this section as easy and as useful as possible we have grouped the stands by load capacity: by knowing the weight of the light for which you need a stand you will be able to choose the one that match you needs from the different versions.



- Closed Length
- Minimum Height
- Maximum Height
- Weight
- Suggested Wheels
- Spigot Size
- Socket Size

20kg		25kg		30kg			35kg		40kg				45kg	80kg														
218	207	325	325	325	380	380	216	216	216	276	276	181	167	370	190	455	333	333	477	477	247	156	156	366				
109	120	124	124	124	146	155	116	116	116	144	155	135	147	105	112	144	21	36	52	52	147	131	131	144	144	139	153	156
256BUAC p. 22	297CS p. 31	007BSU p. 23	007CSU p. 24	007XU p. 24	111BSU p. 25	111CSU p. 25	008BSU p. 21	008CSU p. 22	008XU p. 22	087NWB p. 35	087NWSH p. 36	087NW p. 37	070BU p. 21	083NWL p. 35	269BU p. 26	299FBASE p. 33	299BBASE p. 33	297FBASE p. 33	297BBASE p. 33	070CSU p. 21	126BSU p. 24	126CSU p. 25	270BSU p. 26	270CSU p. 27	083NW p. 35	387XU p. 37		
3kg	6,8kg	7,3kg	7,3kg	7,3kg	9kg	9kg	6,4kg	6,4kg	6,4kg	16kg	15,5kg	21,4kg	6,3kg	11kg	8kg	3,5kg	4,8kg	4,4kg	5,7kg	6,8kg	8,3kg	8,3kg	13,5kg	13,5kg	16kg	32,5kg		
109, 110, 110G	-	109, 110, 110G	109, 110, 110G	109, 110, 110G	103, 104, 104G	103, 104, 104G	109, 110, 110G	109, 110, 110G	109, 110, 110G	-	104, 104G, 347-10	104, 104G, 347-10	103, 104, 104G	-	103, 104, 104G	-	-	-	-	103, 104, 104G	109, 110, 110G	109, 110, 110G	103, 104, 104G	103, 104, 104G	-	374		
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	Type 14	28mm	

Electric welded aluminum tubing for smoother movements, higher mechanical performance and reduced weight.



Parts made by die cast aluminum to ensure longer lasting mechanical performance and extension linearity of column. Pre-painting sandblasting to achieve a perfect degreasing and optimal adhesion and resistance of finishing.



Anti-rotation 3/8" top screw fixing, plus 1/4" adapter for matching any requirement.

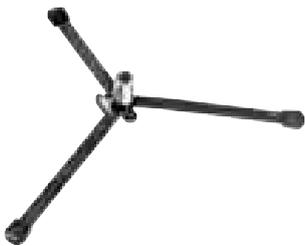


Excellent protection against corrosion and wear is ensured by aluminum anodization.

Versions featuring air cushioning for preventing damage to the lighting fixture during column retraction.



Double braced legs for extra stability, resistance and safety.



MINI BACKLITE BASE FEMALE ATTACHMENT 003MF

- 8cm
- 40cm
- 0,5kg
- 10kg
- Type 1

The hole at the end of each leg enables the user to nail the stand to the floor, hang it on a wall or fix it to the ceiling.



MINI BACKLITE BASE MALE ATTACHMENT 003M

- 9,7cm
- 40cm
- 0,52kg
- 10kg
- Type 33

Same as 003MF but with 16mm male attachment (Type 33).



BACKLITE BASE 003B

- 9cm
- 60cm
- 1kg
- 15kg
- Type 1 + Spigot Art. 013

Fold away base.



BACKLITE STAND 012B

- 9cm
- 85cm
- 48cm
- 60cm
- 1,32kg
- Pole type 18 + type 19
- 3kg
- Base type 1 + Spigot Art. 013

Black steel base with detachable aluminium column. 2 sections, 1 riser. Ø: 22, 19mm. Solid flat legs: 20 x 5mm. A versatile stand allowing fixtures to mount on the ground or on the included pole for extra height.



LOW MINI PRO STAND 156BLB

- 40cm
- 123cm
- 40cm
- 45cm
- 0,62kg
- 1,5kg
- Type 19 + Adapter art. 015

Aluminium stand. 4 sections, 3 risers. Ø: 25, 22, 19, 16mm. Leg Ø: 16mm. Perfect for background lights.



NANO STAND 001B

- 49cm
- 190cm
- 48cm
- 100cm
- 0,93kg
- 1,5kg
- Type 19 + Adapter art. 015

Aluminium stand. 5 sections, 4 risers. Ø: 25, 22, 19, 16, 13mm. Solid flat legs 15 x 5mm. An ideal stand for kits due to its compact design.



**MINI COMPACT STAND
051NB AC**



67cm 240cm 67cm 94kg 1,1kg



4kg 1kg 240cm Type 19 + Adapter art. 015

Aluminium stand, air cushioned.
4 sections, 3 risers.
Ø: 25, 22, 19, 16mm.
Leg Ø: 16mm.



**QUICK LOCK COMPACT STAND
049B**



88cm 250cm 86cm 109cm 1,28kg



5kg 017 2,2kg 250cm Type 19 + Adapter art. 015

Aluminium stand. 4 sections, 3 risers.
Ø: 25, 22, 19, 16mm. Leg Ø: 19mm.
Quick lock stands are designed to be set-up quickly and securely without the need to turn any knobs.



COMPACT STAND

052B AC

-  88cm
-  250cm
-  86cm
-  109cm
-  1,28kg

-  5kg
-  017
-  2,2kg
-  250cm
-  Type 19 + Adapter art. 015

Aluminium stand, air cushioned.
 3 sections, 2 risers.
 Ø: 25, 22, 19mm.
 Leg Ø: 19mm.



RANKER STAND 005B AC

-  103cm
-  290cm
-  101cm
-  109kg
-  2,05kg

-  10kg
-  2,2kg
-  290cm
-  018
-  Type 3 + Spigot art. 013

Aluminium stand, air cushioned.
 3 sections, 2 risers.
 Ø: 35, 30, 25mm.
 Leg Ø: 22mm.

QUICK LOCK STAND 050B AC



110cm 340cm 91cm 108cm 1,65kg



2kg 018 Type 19 + Adapter art. 015

Aluminium stand, air cushioned.
4 sections, 3 risers.
Ø: 28, 25, 22, 19mm. Leg Ø: 22mm.
Featuring the unique quick lock
levers providing fast set-up.



MASTER STAND 004B AC



109cm 385cm 107cm 109cm 2,15kg



9kg 0,9kg 35cm 018 Type 19 + Adapter art. 015

Aluminium stand.
4 sections, 3 risers.
Ø: 35, 30, 25, 20mm. Leg Ø: 22mm.





POLE FOR BACKLITE STAND 122B



0,32kg Top type 18 Bottom type 19

2 section (Ø 22, 19mm) aluminium pole.
Minimum height: 48cm.
Maximum height: 80cm.

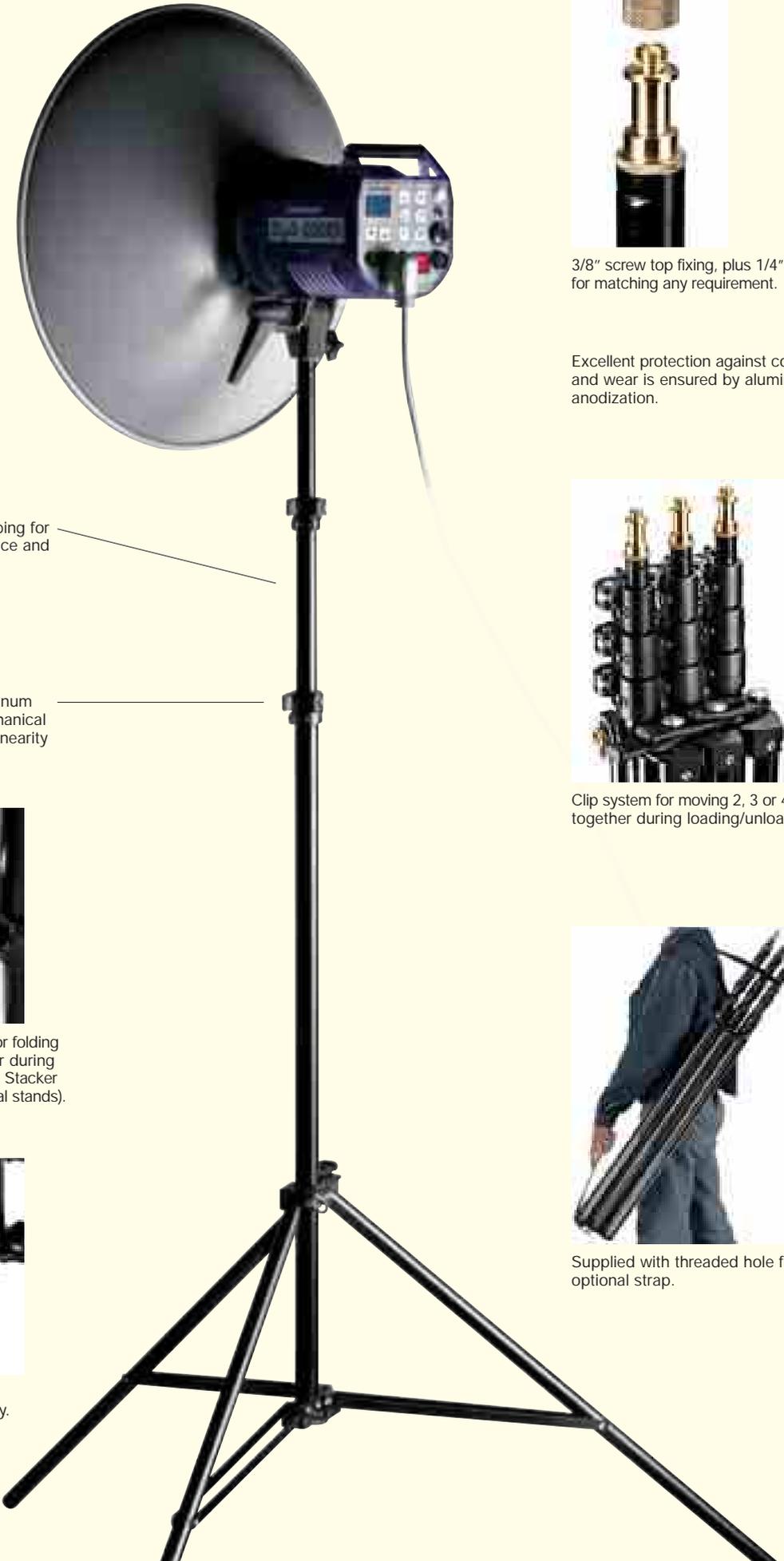


BABY STAND EXTENSION 099B



0,6kg Top type 19 Bottom type 1

3 section (Ø 25, 22, 19mm) aluminium extension.
Minimum height: 88cm.
Maximum height: 235cm.



Electric welded aluminum tubing for higher mechanical performance and reduced weight.

Parts made by die cast aluminum to ensure longer lasting mechanical performance and extension linearity of column.



Clever room-saving concept for folding stands flat when not in use or during transportation (you can pack 7 Stacker stands in the space of 4 normal stands).



Double braced legs for extra stability, resistance and safety.



3/8" screw top fixing, plus 1/4" adapter for matching any requirement.

Excellent protection against corrosion and wear is ensured by aluminum anodization.



Clip system for moving 2, 3 or 4 stands together during loading/unloading.



Supplied with threaded hole for optional strap.



MINI STACKER STAND 305B

-  66cm
-  217cm
-  64cm
-  79cm
-  1,1kg
-  4kg
-  0,8kg
-  217cm
-  Type 19 + Adapter art. 015

Aluminium stand. 4 sections, 3 risers.
 Ø: 25, 22, 19, 16mm.
 Leg Ø: 19mm.
 PATENTED



STACKER STAND 306B

-  89cm
-  250cm
-  87cm
-  108cm
-  1,3kg
-  5kg
-  1,3kg
-  250cm
-  Type 19 + Adapter art. 015

Aluminium stand. 3 sections, 2 risers.
 Ø: 25, 22, 19mm.
 Leg Ø: 19mm.
 PATENTED



MAXI STACKER STAND 307B

-  112cm
-  385cm
-  110cm
-  107cm
-  2,3kg
-  9kg
-  0,8kg
-  385cm
-  Type 19 + Adapter art. 015

Aluminium stand. 4 sections, 3 risers.
 Ø: 35, 30, 25, 20mm. Leg Ø: 22mm.
 PATENTED



5/8" top fixing with 3/8" screw fixing (adjustable 90°) and 1/4" adapter for matching any requirement.



Sandbag counterweight available.

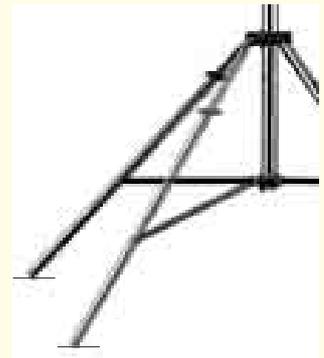
Parts made by die cast aluminum to ensure longer lasting mechanical performance and extension linearity of column.

Electric welded aluminum tubing for higher mechanical performance and reduced weight.

Excellent protection against corrosion and wear is ensured by aluminum anodization.



A special articulated coupler allows this model to be used either as a normal stand or boom.



All versions feature leveling leg for better stability.

Double braced legs for extra stability, resistance and safety.



COMBI-BOOM STAND WITH SANDBAG 420B



131cm 392cm 113cm 109cm 2,7kg



9kg 0,9kg 392cm 018 Type 25 + Spigot art. 013

Aluminium stand.

Supplied with sandbag counterweight (empty) for maximum stability and smoothness.

4 sections, 3 risers.

Ø: 35, 30, 25, 20mm.

Leg Ø: 22mm.

Minimum extension boom: 19cm

Maximum extension boom: 191cm

Maximum load at boom full extension: 2kg with counterweight.

COMBI-BOOM STAND WITHOUT SANDBAG 420NSB Not illustrated

Same as 420B without counterweight.



COMBI-BOOM STAND HD WITH SANDBAG 420CSU



131cm 392cm 113cm 109cm 5,6kg



12kg 1,5kg 392cm 018 Type 25 + Spigot art. 013

Same as 420B but with legs and column in steel,

last two sections in aluminium.

Maximum load at boom full extension: 5kg with 35kg of counterweight.

COMBI-BOOM STAND HD WITHOUT SANDBAG 420CSUNS Not illustrated

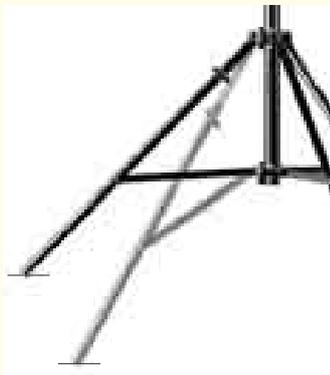
Same as 420CSU without counterweight.



28mm (or 16mm) die cast aluminum socket and 16mm stud.



Parts and knobs made by die cast aluminum to ensure longer lasting mechanical performance and extension linearity of column.



All versions feature leveling leg for better stability.

Aluminum feet for improved stability and longer durability.



Excellent protection against corrosion and wear is ensured by aluminum anodization.

Chrome steel, black zinc and silver or black aluminium versions.

Chrome-plated steel versions: this surface finishing lasts longer, prevents oxidation and gives the product a polished look.

Aluminium versions: electric welded aluminum tubing for higher mechanical performance and reduced weight.



Double braced legs for extra stability, resistance and safety.



All stands in this series can be equipped with wheels (including types with brakes).

BLACK ALU FOLLOW SPOT STAND 070BU

-  88cm
-  147cm
-  105cm
-  109cm
-  6,3kg

-  35kg
-  18kg
-  147cm
-  Type 14
-  103, 104, 104G

Black aluminium stand. 2 sections, 1 riser.
 Ø: 50, 40mm. Leg Ø: 30mm.
 1 levelling leg. Memory collar included.



FOLLOW SPOT STAND 070CSU

-  88cm
-  147cm
-  105cm
-  109cm
-  6,8kg

-  40kg
-  18kg
-  147cm
-  Type 14
-  103, 104, 104G

Chrome plated stand. 2 sections, 1 riser.
 Ø: 50, 40mm. Leg Ø: 30mm.
 1 levelling leg. Memory collar included.
 This stand was named for its low height and high payload allowing the lighting technician to easily follow on actor.



ALU-CINE BLACK STAND 008BU

-  131cm
-  212cm
-  112cm
-  118cm
-  4,2kg

-  15kg
-  3kg
-  12cm
-  Type 14
-  109, 110, 110G

Black Aluminium stand. 2 sections, 1 riser.
 Ø: 35, 30mm. Leg Ø: 22mm. 1 levelling leg.



BLACK CINE STAND 008BSU

-  132cm
-  216cm
-  116cm
-  118cm
-  6,4kg

-  30kg
-  18kg
-  16cm
-  Type 14
-  109, 110, 110G

Black zinc plated stand. 2 sections, 1 riser.
 Ø: 35, 30mm. Leg Ø: 22mm. 1 levelling leg.



CINE STAND 008CSU

 132cm
  216cm
  116cm
  118cm
  6,4kg

 30kg
  18kg
  216cm
  Type 14
  110, 110G

Chrome plated steel stand.
 2 sections, 1 riser.
 Ø: 35, 30mm.
 Leg Ø: 22mm.
 1 levelling leg.



CINE STAND 008XU

 132cm
  216cm
  116cm
  118cm
  6,4kg

 30kg
  18kg
  216cm
  Type 14
  110, 110G

Stainless steel stand.
 2 sections, 1 riser.
 Ø: 35, 30mm.
 Leg Ø: 22mm.
 1 levelling leg.



SELF LOCK STAND 256BUAC

 109cm
  218cm
  109cm
  126cm
  3kg

 20kg
  10kg
  218cm
  Type 14
  109, 110, 110G

Shorter version of 256UAC-3.
 2 sections, 1 riser.
 Ø: 40, 35mm.
 Leg Ø: 22mm.
 1 levelling leg.

HIGH SELF LOCK STAND 256BUAC-3



135cm 322cm 135cm 126cm 3,7kg



15kg 3kg 22cm Type 14 109, 110, 110G

Steel base, aluminium sections.
3 sections, 2 risers.
Ø: 40, 35, 30mm. Leg Ø: 22mm.
1 levelling leg.

Air-cushioned stand with unique self-lock collars that block the stand safely at the desired height without any levers or knobs.

To lower, raiser slightly, open the safety lever and drop the extension.



ALU SENIOR STAND 007BU AC



124cm 315cm 122cm 118cm 3kg



12kg 2,5kg 15cm Type 14 109, 110, 110G

Alluminium stand.
3 sections, 2 riser.
Ø: 35, 30, 25mm.
Leg Ø: 22mm.
1 levelling leg.



SENIOR STAND 007BSU



124cm 325cm 122cm 118cm 7,3kg



20kg 6,7kg 25cm Type 14 109, 110, 110G

Black chrome plated steel stand.
3 sections, 2 riser.
Ø: 35, 30, 25mm.
Leg Ø: 22mm.
1 levelling leg.



SENIOR STAND 007CSU

 124cm
  325cm
  122cm
  118cm
  7,3kg

 20kg
  6,7kg
  25cm
  Type 14
  109, 110, 110G

Chrome plated steel stand.
 3 sections, 2 risers.
 Ø: 35, 30, 25mm.
 Leg Ø: 22mm.
 1 levelling leg.



SENIOR STAND 007XU

 124cm
  325cm
  122cm
  118cm
  7,3kg

 20kg
  6,7kg
  25cm
  Type 14
  109, 110, 110G

Stainless steel stand.
 3 sections, 2 risers.
 Ø: 35, 30, 25mm.
 Leg Ø: 22mm.
 1 levelling leg.



HEAVY DUTY STAND 126BSU AC

 131cm
  333cm
  131cm
  126cm
  8,3kg

 40kg
  3kg
  33cm
  Type 14
  109, 110, 110G

Chrome plated steel stand.
 3 sections, 2 risers.
 Ø: 40, 35, 30mm.
 Leg Ø: 22mm.
 1 levelling leg.



**HEAVY DUTY
STAND 126CSU AC**

- 




- 131cm 333cm 131cm 126cm 8,3kg
- 



- 40kg 3kg 33cm Type 14 109, 110, 110G

Chrome plated steel stand.
3 sections, 2 risers.
Ø: 40, 35, 30mm.
Leg Ø: 22mm.
1 levelling leg.



TALL STAND 111BSU

- 




- 146cm 380cm 155cm 102cm 9kg
- 



- 25kg 6kg 30cm Type 14 103, 104, 104G

Black chrome plated steel stand.
3 sections, 2 risers.
Ø: 35, 30, 25mm.
Leg Ø: 22mm.
1 levelling leg.
The small footprint makes this stand perfect for tight spaces.

TALL STAND 111CSU

- 




- 146cm 380cm 155cm 102cm 9kg
- 



- 25kg 6kg 30cm Type 14 103, 104, 104G

Chrome plated steel stand.
3 sections, 2 risers.
Ø: 35, 30, 25mm. Leg Ø: 22mm.
1 levelling leg. The small footprint makes this stand perfect for tight spaces.



SUPER ALU STAND 269BU



144cm 455cm 144cm 174cm 8kg



35kg 6,3kg 455cm Type 14 103, 104, 104G

Aluminium stand.
4 sections, 3 risers.
Ø: 50, 45, 40, 35mm.
Leg Ø: 30mm.
1 levelling leg.



SUPER STEEL STAND 270BSU



144cm 477cm 144cm 174cm 13,5kg



40kg 12kg 477cm Type 14 103, 104, 104G

Black chrome plated steel stand.
4 sections, 3 risers.
Ø: 50, 45, 40, 35mm.
Leg Ø: 30mm.
1 levelling leg.

There is a reason we call this the super stand!
Incredible reach of 477cm that can support fixtures up to 40kg.

**SUPER STEEL
STAND 270CSU**

-  144cm
  477cm
  144cm
  174cm
  13,5kg
-  40kg
  12kg
  7cm
  Type 14
  103, 104, 104G

Chrome plated steel stand.
 4 sections, 3 risers.
 Ø: 50, 45, 40, 35mm.
 Leg Ø: 30mm.
 1 levelling leg.

**HIGH SUPER
ALU STAND 269HDBU**

-  190cm
  730cm
  173cm
  174cm
  10kg
-  10kg
  1kg
  30cm
  Type 14
  103, 104, 104G

Aluminium stand.
 6 sections, 5 risers.
 Ø: 50, 45, 40, 35, 30, 25mm.
 Leg Ø: 30mm.
 1 levelling leg.



PEG ADAPTER SET 087PA



0,6kg

To be used where, for safety reasons, the stand must be secured to the floor. 80mm . Set of three.



WIND-BRACING KIT 087WBK



1kg

Wind bracing kit of 3 ropes. Length: 10m. Not supplied with the stand.



SAFETY COLLAR 30MM 697

Secondary safety system for all speaker stands. When locked into position, it stops upper stand sections from dropping when you open the stand locking knob.



SAFETY COLLAR 35MM 698

Same as 697, for 35mm tube.



SAFETY COLLAR 40MM 699

Same as 697, for 40mm tube.



**BLACK ALU STAND
EXTENSION 142B**

  
2,4kg Top type 14 Bottom type 37

2 sections (Ø 35, 30mm)
black aluminium extension.
Minimum height: 125cm.
Maximum height: 210cm.



**BLACK ALU SHORT
EXTENSION 142SHB**

  
2kg Top type 14 Bottom type 37

2 sections (Ø 35, 30mm)
black aluminium extension.
Minimum height: 75cm.
Maximum height: 110cm.



**STAND EXTENSION
142CS**

  
3,6kg Top type 14 Bottom type 37

2 sections (Ø 35, 30mm)
chrome steel extension.
Minimum height: 125cm.
Maximum height: 210cm.



**SHORT STAND
EXTENSION 142CSSH**

  
3kg Top type 14 Bottom type 37

2 sections (Ø 35, 30mm)
chrome steel extension.
Minimum height: 75cm.
Maximum height: 110cm.



**BLACK ALU STAND
EXTENSION 142ABS**

  
2,1kg Top type 14 Bottom type 37

2 sections (Ø 35, 30mm)
black aluminium extension.
Length: 104cm.



**STAND EXTENSION
142ACS**

  
2,1kg Top type 14 Bottom type 37

2 sections (Ø 35, 30mm)
chrome steel extension.
Minimum height: 125cm.
Length: 104cm.



**BLACK ALU HIGH
STAND EXTENSION 146B**

  
2,8kg Top type 14 Bottom type 37

3 sections (Ø 35, 30, 25mm)
black aluminium extension.
Minimum height: 137cm.
Maximum height: 314cm.



**HIGH STAND
EXTENSION 146CS**

  
4,8kg Top type 14 Bottom type 37

3 sections (Ø 35, 30, 25mm)
chrome steel extension.
Minimum height: 137cm.
Maximum height: 314cm.





17,5mm female attachment plus spigot.



28mm (or 16mm) die cast aluminum socket and 16mm stud.



Quick action folding legs.

Aluminium versions
Electric welded aluminum tubing for higher mechanical performance and reduced weight.

Steel versions
Chrome-plated steel tubing.
This surface finishing lasts longer, prevents oxidation and gives the product a polished look.

Parts made by die cast aluminum to ensure longer lasting mechanical performance and extension linearity of column.

Excellent protection against corrosion and wear is ensured by aluminum anodization.

Practical and quick positioning of light fixture.



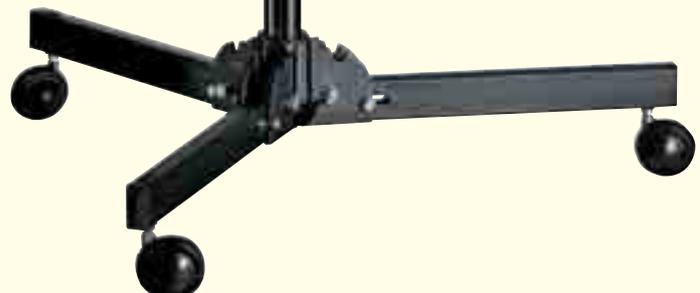
All stands are equipped with free running wheels.



Low profile for easy positioning in the studio.



Leveling Leg.



STEEL STUDIO STAND 297CS

 123cm
  207cm
  120cm
  100cm
  6,8kg

 20kg
  12kg
  207cm
 Type 14

Black steel base, chrome steel sections,
 complete with wheels.
 2 sections, 1 riser.
 Ø: 35, 30mm.
 1 levelling leg.



COLUMN STAND 231CS

 35cm
  250cm
  121cm
  100cm
  8kg

 8kg
  12kg
  250cm
 Type 1 + Spigot Art. 013

Chromium plated steel post: Ø: 35mm.
 Height of light fixture:
 from ground level to 250cm.
 Complete with braked wheels.
 1 levelling leg.



ALU COLUMN STAND 231B

 35cm
  250cm
  121cm
  100cm
  6,4kg

 8kg
  2kg
  250cm
 Type 1 + Spigot Art. 013

Black aluminium post: Ø: 35mm.
 Height of light fixture:
 from ground level to 250cm.
 Complete with braked wheels.
 1 levelling leg.





BABY STUDIO STAND 299B

-
-
-
-
-

-
-
-

Black steel base, silver anodised aluminium sections, complete with wheels.
 3 sections, 2 risers.
 Ø: 35, 30, 25mm.
 1 levelling leg.



ALU STUDIO STAND 298B

-
-
-
-
-

-
-
-

Black steel base, silver anodised aluminium sections, complete with wheels.
 3 sections, 2 risers.
 Ø: 35, 30, 25mm.
 1 levelling leg.



These bases can be used for backlights of most sizes.

Simply add a century stand column to create your own rolling stand.

For leg storage fold up in a small package.

Universal head with 28mm sockets plus either 16mm socket or "pop-up" spigot.

Low profile base that slips easily into position on sets.

Leg levelling feature.



FOOT BASE SMALL 299FBASE



21cm 36cm 75cm 3,5kg



40kg Type 14

1 levelling leg.
Complete with feet.



BRAKE BASE SMALL 299BBASE



28cm 36cm 75cm 4,8kg



40kg Type 14

1 levelling leg.
Complete with braked wheels.



FOOT BASE LARGE 297FBASE



21cm 52cm 100cm 4,4kg



40kg Type 14

1 levelling leg.
Complete with feet.



BRAKE BASE LARGE 297BBASE



28cm 52cm 100cm 5,7kg



40kg Type 14

1 levelling leg.
Complete with braked wheels.

For compatible extensions see page 29.

Maximum payload up to 80kg at 366cm.

Simultaneous extension and retraction of all sections.

All components inside transmission box are made of carbon-nitrided casehardened steel for improving wear resistance.



Parts made by die cast aluminum to ensure longer lasting mechanical performance and extension linearity of column.



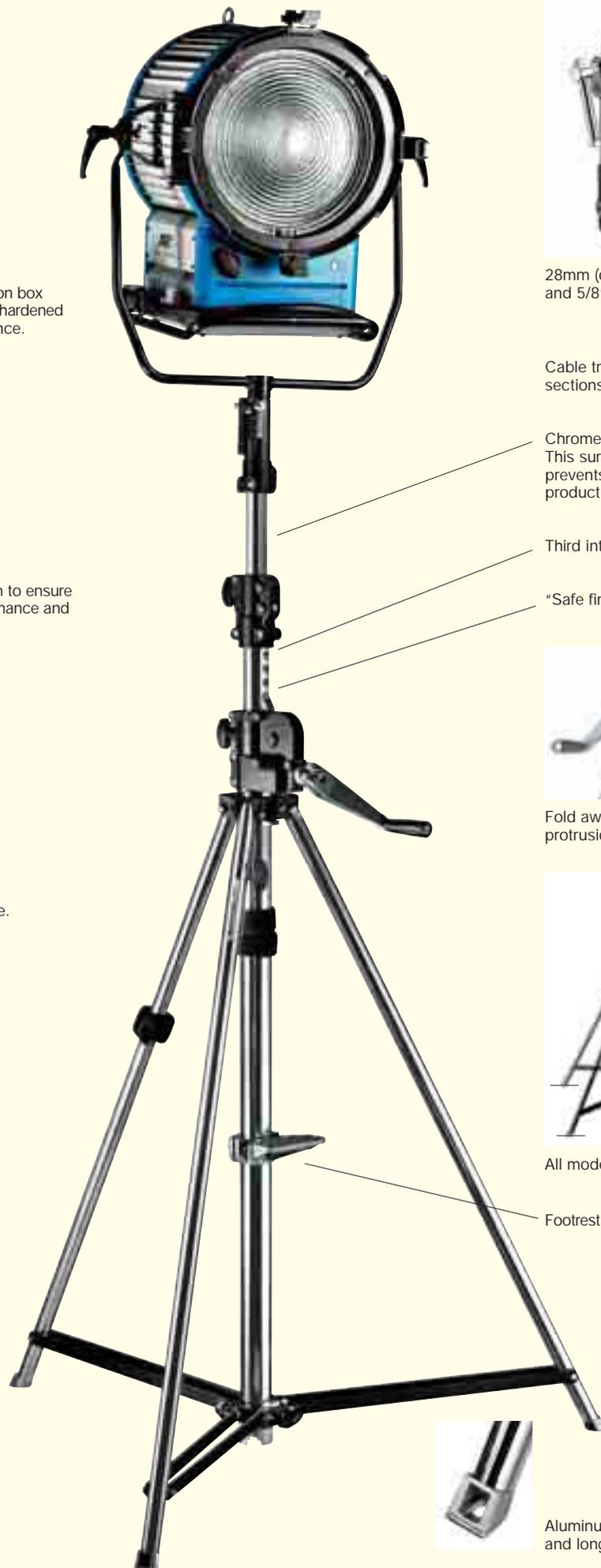
Assembled using bolts instead of rivets for simpler maintenance.



Double braced legs for extra stability, resistance and safety.



All stands in this series can be equipped with wheels (including types with brakes).



28mm (or 16mm) socket and 5/8" + 3/8" stud.

Cable transmission is fully inside sections.

Chrome-plated steel tubing. This surface finishing lasts longer, prevents oxidation and gives the product a polished look.

Third internal safety cable.

"Safe finger" protection.



Fold away crank handle for reducing protrusions during storage.



All models feature leveling leg.

Footrest for easy access to top section.



Aluminum feet for improved stability and longer durability.



2 SCT LOW BASE WIND-UP STAND 083NWL B

-
-
-
-
-

129cm 190cm 112cm 100cm 11kg

-
-
-

35kg 2,5kg 190cm Type 14

Geared centrepost steel stand.
2 sections, 1 riser.
Ø: 55, 45mm.
1 levelling leg.
Fitted with braked wheels.



2 SCT WIND-UP STAND 083NW

-
-
-
-
-

139cm 247cm 153cm 128cm 16kg

-
-
-
-

45kg 30kg 247cm Type 14 104, 104G, 374-10

Chrome steel stand with geared column.
Elevation: 2.2cm per handle turn.
2 sections, 1 riser.
Ø: 55, 45mm.
Leg Ø: 30mm.
1 levelling leg.



3 SCT LOW BASE WIND-UP STAND 087NWL B

-
-
-
-
-

144cm 276cm 134cm 100cm 16kg

-
-
-

30kg 5,5kg 276cm Type 14

Geared centrepost steel stand.
3 sections, 2 risers.
Ø: 55, 45, 38mm.
1 levelling leg.
Fitted with braked wheels.

SHORT WIND-UP STAND 087NWSH

 135cm
  276cm
  155cm
  128cm
  15,5kg

 30kg
  15kg
  276cm
  Type 14
  104, 104G, 374-10

Short version of 087NW.
 3 sections, 2 risers.
 Ø: 55, 45, 38mm.
 Leg Ø: 30mm.
 1 levelling leg.



WIND-UP STAND 087NW

 167cm
  370cm
  181cm
  128cm
  21,4kg

 30kg
  30kg
  370cm
  Type 14
  104, 104G, 374-10

Chrome steel stand with geared column.
 2 risers extend simultaneously at
 an elevation of 4.4cm per handle turn.
 Safety cable ensures simultaneous
 retrieval of all sections.
 3 sections, 2 risers.
 Ø: 55, 45, 38mm. Leg Ø: 30mm.
 1 levelling leg.



SUPER WIND-UP STAINLESS STEEL STAND 387XU



156cm



366cm



179cm



180cm



32,5kg



80kg



80kg



366cm



28mm



374

Heavy lift stand with strenghtened stainless steel column and legs, chrome steel risers and geared column. 3 section Ø: 70, 60, 50mm. 2 risers which extended simultaneously at 4.4cm per handle turn. Safety cable ensures simultaneous retrieval of all sections. Rapid adjustment. Leg Ø 35mm. 1 levelling leg. PATENTED





35mm tot tube diameter.

Wide base with double leg braces for added stability and safety.



3/8" microphone top fitting.



Complete with grip collar that allows the stand to be set at the required height with single operation.

Lightweight rubber base reducing "bottom end" frequencies being transmitted through the stand.



ALU MICROPHONE STAND 622B

-  195cm
-  108cm
-  2,7kg
-  2kg
-  Type 36

Aluminium microphone stand.



STEEL MICROPHONE STAND 622CS

-  195cm
-  108cm
-  3,2kg
-  2kg
-  Type 36

Chrome steel microphone stand.

MICROPHONE CLIP MICC1

-  0,05kg

Standard type microphone clip.



TABLE TOP TRIPOD 209B

-  4,5cm
-  13cm
-  13cm
-  0,09kg
-  2kg

Small and portable, this table top tripod complete with 3/8" top attachment for microphone fits into any small holdall ready to give quick support, in any location. Supplied without microphone holder.



MICROPHONE SPRING CLIP MICC2

-  0,05kg

Universal type microphone clip. Grabs microphones from diameter 20mm to 35mm.



UNIVERSAL SHOCK MOUNT MICROPHONE HOLDER MICC4

-  0,121kg

Made in aluminium supplied with a rubber dampening system to prevent shocks and vibrations. This rubber system allows efficient rapid microphone mounting. The swiveling yoke has a 3/8" threaded hole that allows convenient mounting to the range of carbon fiber microphone booms. Accepts a large variety of microphones.





LE LOW STAND 602BSM

-  125cm
  205cm
  104cm
  118cm
  5,7kg
-  50kg
  18kg
  205cm
  35mm
  109, 110, 110G

Black chrome plated steel stand.
 2 sections, 1 riser.
 Ø: 40 - 35mm.
 Leg Ø: 22mm.



LE SELF LOCK STAND 256BMUAC

-  109cm
  218cm
  106cm
  126cm
  2,5kg
-  20kg
  10kg
  218cm
  35mm
  109, 110, 110G

Black steel base, aluminium sections, air cushioned stand.
 2 sections, 1 riser.
 Ø: 40, 35mm.
 Leg Ø: 22mm.
 1 levelling leg.
 SELF LOCK SYSTEM PATENTED



LE LEVELLING LEG STAND 126BMUAC

-  106cm
  218cm
  106cm
  126cm
  2,5kg
-  30kg
  10kg
  218cm
  35mm
  109, 110, 110G

Black aluminium stand, air cushioned.
 2 sections, 1 riser.
 Ø: 40, 35mm.
 Leg Ø: 22mm.
 1 levelling leg.



LE MIDI STAND 604BSM



154cm 260cm 132cm 126cm 6,6kg



40kg 10kg 260cm 35mm 109, 110, 110G

Chrome plated steel stand.
2 sections, 1 riser.
Ø: 40 - 35mm.
Leg Ø: 22mm.



LE MAXI STAND 606BSM



182cm 316cm 160cm 126cm 7,2kg



40kg 3kg 260cm 35mm 109, 110, 110G

Chrome plated steel stand.
2 sections, 1 riser.
Ø: 40 - 35mm.
Leg Ø: 22mm.



**PAN SPIGOT M10
616-10**

Rotating 28mm spigot with M10 screw attachment. Smooth rotation is assured by a Teflon bearing. Complete with locking knob to block panoramic position.



**PAN SPIGOT M12
616-12** Not illustrated

Same as 616-10 with M12 screw attachment.

**STAND TOP M10
611-10**

M10 Bolt fixing for 32/38mm tube.

**STAND TOP M12
611-12** Not illustrated

Same as 611-10 with M12 screw.

**LE 16MM ADAPTER
623**

Designed to fit speaker stands, it forms a top fixing which mounts luminaires that have a 16mm spigot. Fits top tubes with diameters between 32mm and 38mm.

**28MM ADAPTER
617**

Designed to fit speaker stands, it forms a top stand fixing which mounts luminaires with a 28mm spigot. Fits top tubes with diameters between 32mm and 38mm.



SPEAKER ADAPTER FOR 28MM BUSHING 618

This speaker adapter (35mm diameter) can be mounted on all lightstands equipped with a 28mm bushing.



SPEAKER ADAPTER FOR STAND 619

Female adapter equipped with 35mm stud for stands with top tube diameter between 32mm and 38mm.



TILTING SPEAKER ADAPTER 624

Designed to be mounted onto tubes from 32mm to 38mm diameter. It is equipped with a 35mm speaker stud tilting from 0° to 20°.



CABINET FITTINGS 612

Ramsa / Bose universal adaptor for 32/38mm tube.



SAFETY COLLAR 35MM 698

Secondary safety system for all speaker stands. When locked into position, it stops upper stand sections from dropping when you open the stand locking knob.





Sometimes a stand simply can't fit on set during a shoot, so Manfrotto has developed several families of clamps to position lights and accessories practically anywhere. The original SUPERCLAMP - world famous and widely copied - stands out for its versatility and numerous accessories, but the entire range of clamps ensures there's always a solution to your problem, no matter the size of the object or the surface you're clamping to. Designed with many years of experience in the field, our clamps' quick-action locking buttons help the operators and make their life easier.

Contents	Page
Spring Clamps	46
Pipe Clamps and Quick Action Clamps	47
Super Clamps	48
Super Clamps Accessories	49



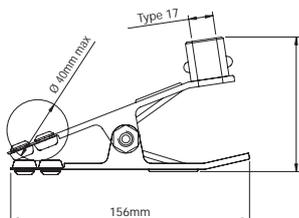
Wide choice of spring clamps and grips covers a huge range of applications.

Constructed of aluminium or sheet steel, the clamps have thousands of uses, from supporting lights to clamping backgrounds to crossbars.

SPRING CLAMP 175

-  0,32kg
-  Type 1
-  Type 17

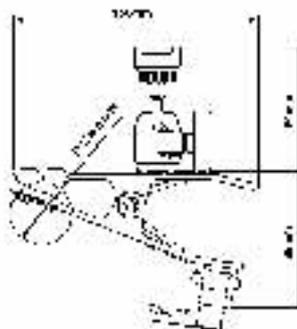
Clamps onto bars up to Ø 40mm.



SPRING CLAMP WITH FLASH SHOE 175F

-  0,33kg
-  Type 1
-  Type 17
-  2kg

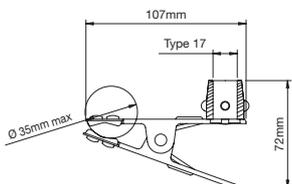
Clamps onto bars up to Ø 40mm. Supplied with a position able miniature ball head with a flash shoe attachment to allow it to clip and position a flash unit wherever it is needed.



MINI SPRING CLAMP 275

-  0,11kg
-  Type 1
-  Type 17

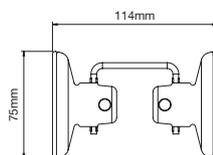
Clamps onto bars up to Ø 35mm. It can be mounted also on 16mm extension arms.



MULTICLIP 375

-  0,08kg

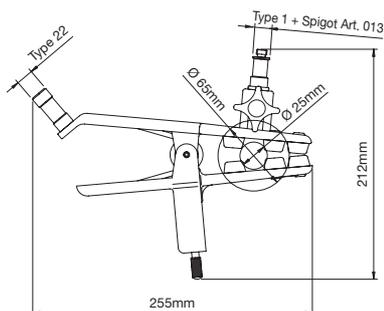
This versatile double clip can be used to hold gels in front of lights or small reflecting panels.



SKY HOOK 043

-  0,65kg
-  Type 22
-  Type 1+ Spigot art. 013

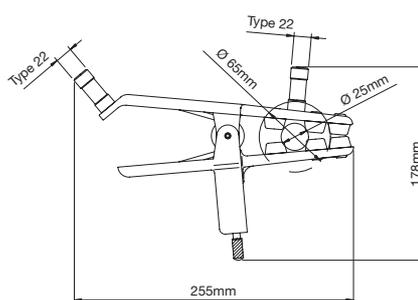
Gaffer grip with adjustable jaws. Grip from: 25mm to 65mm.



SKY HOOK 043R

-  0,8kg
-  Type 22
-  Type 22

Gaffer grip with adjustable jaws. Grip from: 25mm to 65mm.



Manfrotto Pipe Clamps are made in aluminium alloy or rugged gravity cast aluminium for extra strength.

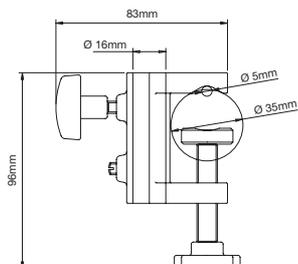
Clamping range encompasses pipes from 2mm to 78mm diameter.

All standard luminaire attachments available, from 16/28mm bushing to 16mm pins and 1/4" - 3/8" - M10 and M12 male thread.

MINI CLAMP 171

0,16kg 16mm

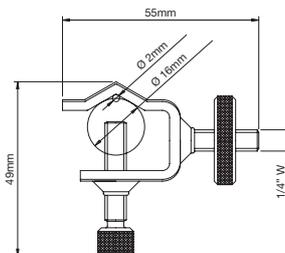
Clamps on bars up to Ø 35mm.



MICRO CLAMP 196AC

0,06kg

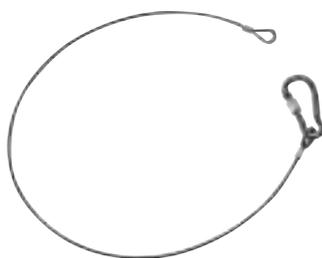
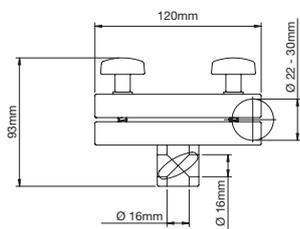
Grips items from 2mm to 16mm thick.



PANEL CLAMP 271

0,29kg 16mm

Clamps onto round and square tubes from Ø 22mm to 30mm. Ideal for supporting reflector panels or hanging objects from pipes.



SAFETY CABLE C155

Ø 4mm. Length 100cm. Max Load: 30 kg.



SAFETY CABLE C155-01 Not illustrated

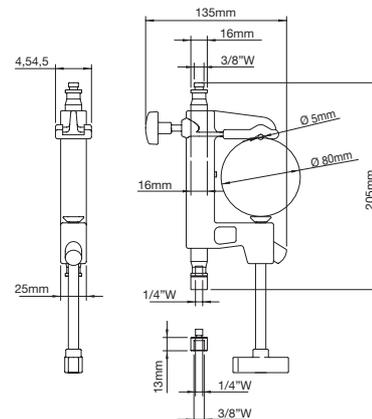
Ø 3,5mm. Length 70cm. Max Load: 20 kg.



QUICK RELEASE CLAMP 649

0,57kg 16mm 7kg

Different from the other versions that are used mainly on round pipes, this version will also work on square and rectangular tubes. Extremely light, with a good "coupling range", this version also offers an incredible number of attachment sizes. Ideal for photographic applications and dedicated accessories. Pipe size 5-80mm. PATENTED



SAFETY CABLE C155-02 Not illustrated

Ø 5mm. Length 70cm. Max Load: 50 kg.



SAFETY CABLE C155-03 Not illustrated

Ø 6mm. Length 100cm. Max Load: 60 kg.



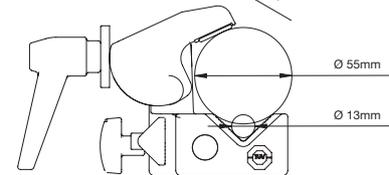
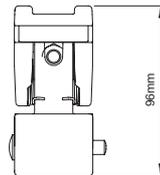
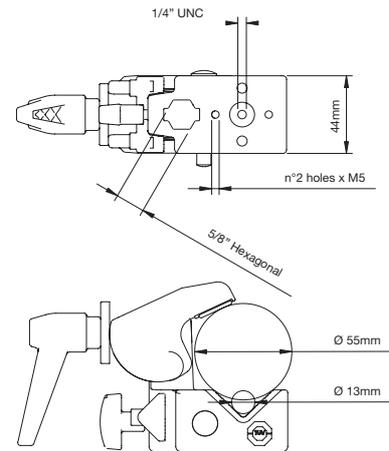
Quite simply the most versatile single piece of light grip gear ever.

You name it and Super Clamp grips it, you imagine where you want it and Super Clamp holds it there.

Friction-lined screw-operated jaws grip everything from 13mm to 55mm.

Hexagonal socket with unique secondary safety lock system holds items in place even if the screw lock comes undone.

Supplied with a wedge to square off the jaws for mounting to flat surfaces. This masterpiece of practicality and solidity is the most widely copied clamp in the world!



SUPER CLAMP 035



0,41kg 15kg

Ideal clamp for photographic application. Ergonomic lever to securely lock clamping position.



STAINLESS SUPER CLAMP 035X

Not illustrated

Identical to the 035 with a weather resistant solution, provided with a stainless steel threaded shaft locking screw.



QUICK ACTION SUPER CLAMP 635



0,47kg 15kg 16mm hexagonal + M5 & 1/4\"/>

The rapid action locking jaw has also been applied to the most well known clamp in the world, the original Super Clamp. These modifications allow us to keep its extreme versatility adding unrivaled speed in locking and unlocking. Supplied with wedge to allow the clamp to fit on flat surface.



DOUBLE SUPER CLAMP 038



0,83kg

Set of two Super Clamps fastened together at fixed right angle to provide extra strength support for tubes or bars.



POLE FOR BACKLITE STAND 122B

-  0,32kg
-  Top Type 18
-  Bottom type 19

Extendable arm with double male spigot.
Min. height 48cm, max. height 80cm.



MINI ARTICULATED ARM 196A

-  0,35kg
-  Type 17
-  Type 17
-  1kg

Swivelling arm; each section is separately locked.
Length: 60cm.



MINI ARTICULATED ARM WITH CAMERA BRACKET 196 Not illustrated

Same as 196A with Camera/Umbrella Bracket 143BKT.

MAGIC ARM 143N

-  1,07kg
-  Type 17
-  Type 17
-  3kg

Articulated arm with centre lever to lock all 3 movements.
Length: 53cm.



VARIABLE FRICTION ARM 244N

-  1,09kg
-  Type 17
-  Type 17
-  3kg

Features as 143N, but a large locking knob takes the place of the cam-lever.
Variable friction and locking of arm obtained by adjusting knob.



MAGIC ARM WITH CAMERA BRACKET 143A Not illustrated

Same as 143N with Camera/Umbrella Bracket 143BKT.

VARIABLE FRICTION ARM WITH CAMERA BRACKET 244 Not illustrated

Same as 244N with Camera/Umbrella Bracket 143BKT only.

FLEX ARM 237

-  0,3kg
-  Type 18
-  16mm
-  0,3kg

Flexible arm, Ø 12mm, 55cm long with hexagon stud to fit Super Clamp 035 with 3/8" female thread and 16mm stud with 1/4" male thread type 18.



FLEX ARM HEAVY DUTY 237HD

-  0,3kg
-  Type 18
-  16mm
-  0,5kg

Same as 237, but Ø 18mm.



TILT-TOP HEAD 155

-  0,5kg
-  16mm
-  16mm + Camera Bracket Art. 143BKT

Twin swivelling 16mm spigots and single lever lock.
Supplied with: Camera/Umbrella Bracket 143BKT.
Height: 14.5cm.



TILT-TOP HEAD 155BKL

-  0,4kg
-  16mm
-  16mm

Tilt-top head alone, available separately without Camera/Umbrella Bracket.



NARROW "U" HOOKS 040



0,44kg

Set of two narrow U"cross bar holders.
Plugs into Super Clamp 035.
Width: 15mm.



MINI "U" HOOKS 176



0,1kg

Set of two Mini "U" Hooks.



"U" HOOKS 039



0,16kg

Set of two cross bar holders.
Width: 40mm



MINI B/P SINGLE HOOKS 177



0,125kg

Set of two Mini "B/P" Single Hooks.



B/P SINGLE HOOKS 059



0,42kg

Set of two wall fixing background paper holders for one Expan 046.
Plugs into Super Clamp 035 socket.



MINI "L" BRACKETS 204



0,13kg

Set of two small brackets.
Sizes: 12 x 3 x 3cm.



"L" BRACKETS 041



0,29kg

Set of two brackets to use in combination with Super Clamp 035 to support shelves, etc.17cm long x 4cm deep.



MINI EXTENSION ARM 203



0,15kg Type 1 + Spigot Art.013

Same as 042.
Length: 12cm.



EXTENSION ARM 042



0,21kg



8kg

Type 1 + Spigot Art.013

Plugs into Super Clamp 035 socket.
Length: 19,5cm.



ADDITIONAL SOCKET 335AS



0,14kg

Provides an additional 16mm socket to Super Clamp 035.



SUPER CLAMP WEDGES 035WDG



0,03kg

To allow the Super Clamp 035 to fit on plane surfaces.
Set of four.



ADAPTER SPIGOT 013



Universal 16mm spigot with double male thread 1/4" and 3/8".



SHORT 16MM SPIGOT WITH 1/4" + 3/8" SCREW 118



Universal short 16mm spigot with double male thread 1/4" and 3/8".



ADAPTER SPIGOT 1/4" F + 3/8" F THREADS 119



Universal short 16mm spigot with double female thread 1/4" and 3/8".



LIGHTING STUD 3/8" 036-38



Plugs into Super Clamp 035 for lighting fixtures or connecting 2 Super Clamps 035 allowing them to rotate. 16mm stud with 3/8" male threads.



LIGHTING STUD 1/4" 036-14



Same as 036-38 with 1/4" male threads.



LIGHT STUD 036I



Special spigot for De Sisti & Aniro lighting fixture.



CAMERA STUD 037



Plugs into Super Clamp 035 socket. To mount cameras, directly or with a camera head. 3/8" and 1/4" threads.



JOINING STUD 061



Connects 2 Super Clamp 035 with 6 step fixed rotation.



JOINING STUD RA 061RA



Connects 2 Super Clamps 035 at right angles or 45° steps.



DOUBLE FEMALE THREAD STUD 066



Plugs into Super Clamp 035 to provide either a 3/8" or 1/4" female thread fixing.



ROUNDED 16MM LIGHTING STUD M10 264



Rounded stud for stirrup's fixture for a rapid connection to a Super Clamp.



HEXAGONAL 16MM LIGHTING STUD M10 174



Hexagonal Lighting stud for stirrup's fixture for a rapid connection to a Super Clamp.



STUD FOR STIRRUP 066BT



16 mm stud with female thread M10. It has been specifically designed to mount it on a stirrup's fixture and easily connect it to a Super Clamp. Designed to be tightly lock with a wrench.



EXTENSION BAR 133 B



Used to fix 2 Super Clamps 035 at a distance of 15cm from each other. Length 16,5cm.



LIGHT STUD MR 036MR

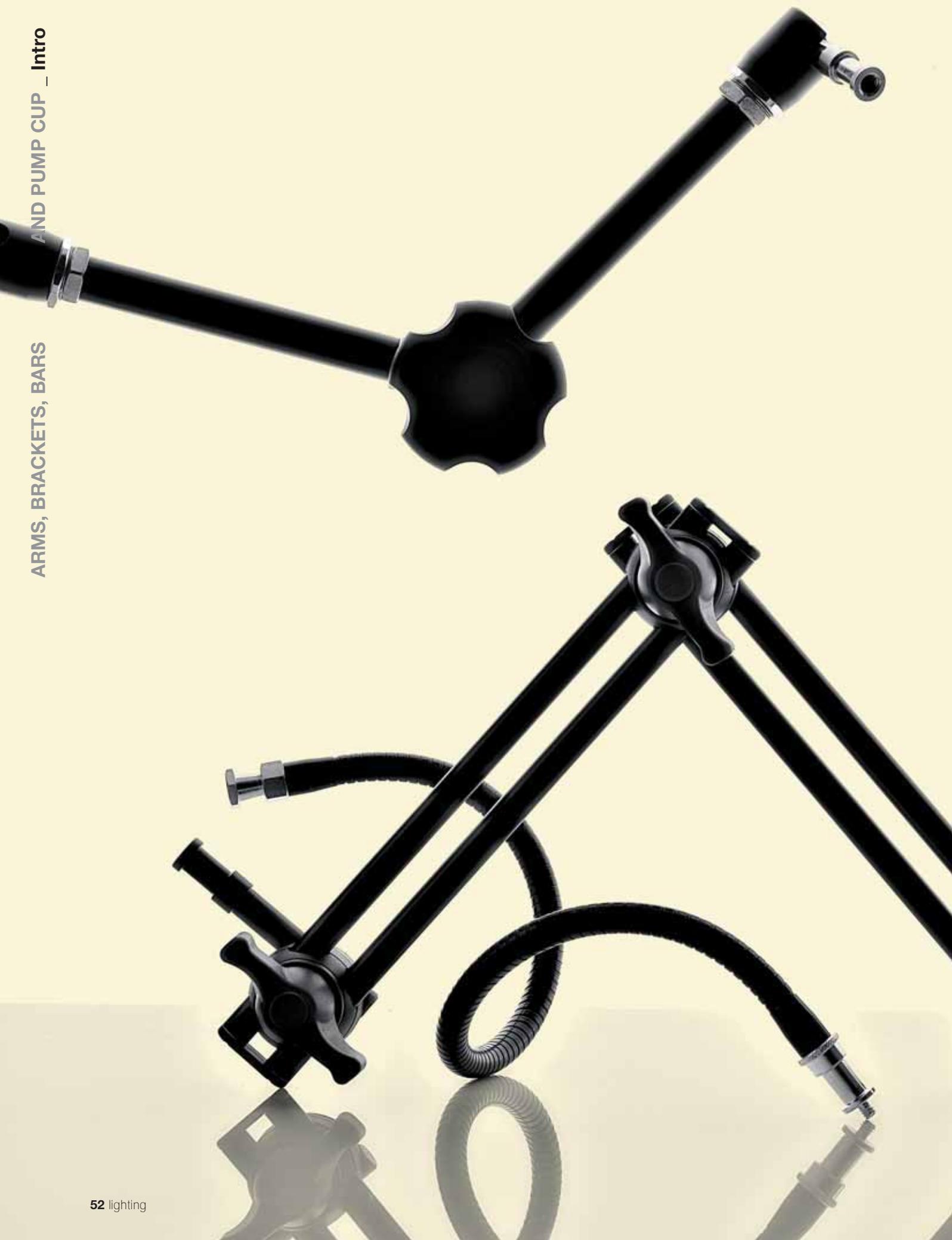


Plugs into Super Clamp 035 for lighting fixtures, Grip Heads or connect 2 Super Clamps 035 with 360° rotating capability.



AND PUMP CUP _ Intro

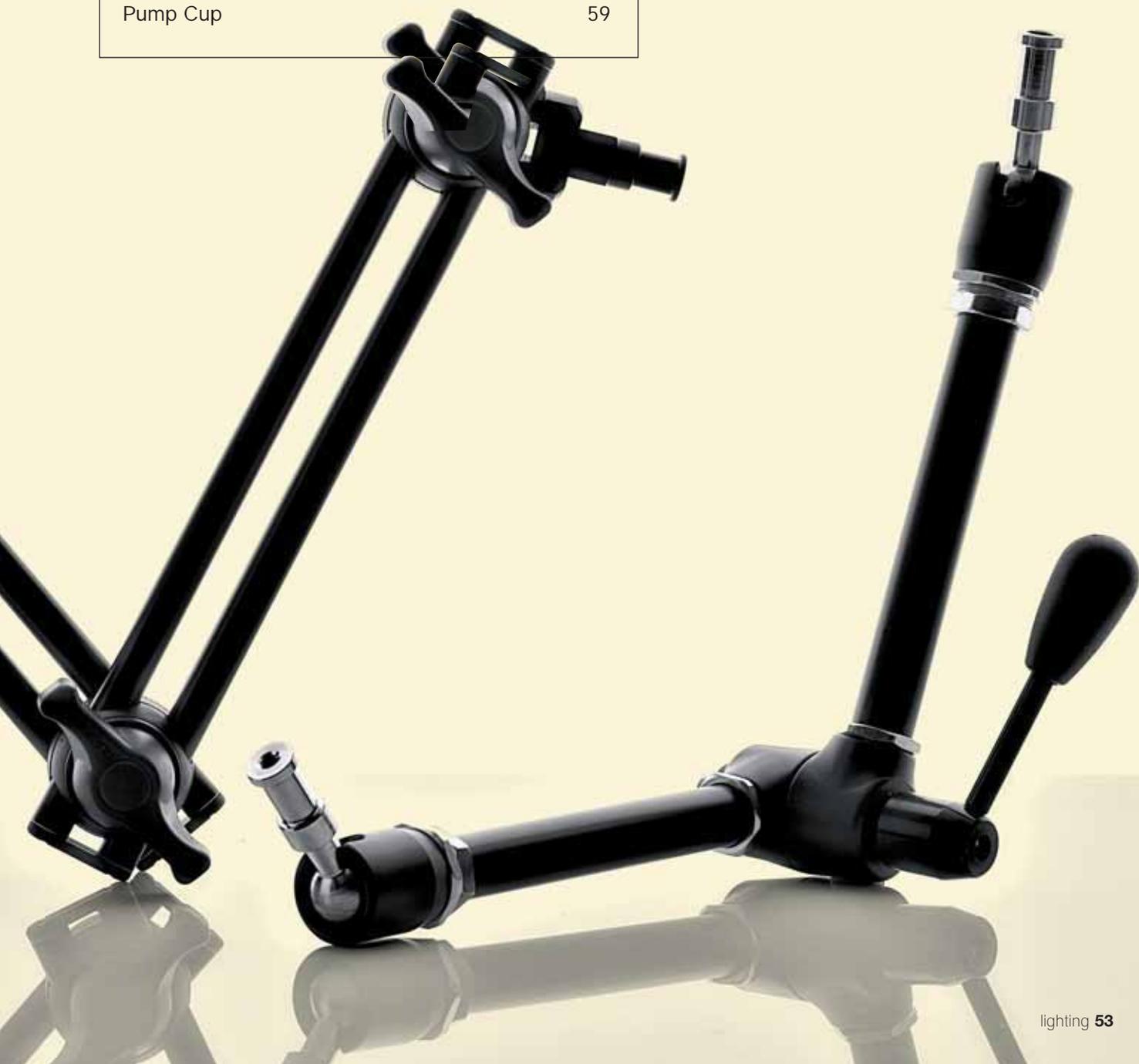
ARMS, BRACKETS, BARS



Used in conjunction with stands or clamps, the range of Manfrotto articulated arms, multi positioning arms and attachments enable accurate positioning of lighting and effects. Among the most remarkable products in this range are the double articulated arms, enabling quick positioning thanks to their quick lock knobs.

They are also renowned for being very light as well as very rigid. The Articulated Magic Arm and the Variable Friction Arm are also outstanding, using a single convenient and fast action locking lever or knob to lock or partially lock the two arms and the two swivel studs.

Contents	Page
Arms	54
Brackets	58
Bars	58
Pump Cup	59



Wherever you need to position your camera, light or accessory, we have an arm, a bracket or a bar to fit the task.

Can be combined with clamps, mounting plates and connectors and use in conjunction with virtually any product in the Manfrotto range.

MAGIC ARM KIT 143



2,55kg



16mm with 1/4" female attachment



3kg



16mm with 3/8" female attachment + Camera Bracket Art. 143BKT

Articulated arm with centre lever to lock all 3 movements.

Length: 53cm.

Supplied with: Camera/Umbrella Bracket 143BKT,
Super Clamp 035, Backlite Base 003.



VARIABLE FRICTION ARM WITH CAMERA BRACKET 244



1,09kg



16mm with 1/4" female attachment



3kg



16mm with 3/8" female attachment + Camera Bracket Art. 143BKT

Features as 143A, but a large locking knob takes the place of the cam-lever.

Variable friction and locking of arm obtained by adjusting knob.

Comes complete with Camera/Umbrella Bracket 143BKT only.

VARIABLE FRICTION ARM 244N Not illustrated

Friction arm only, no accessories.



MAGIC ARM WITH CAMERA BRACKET 143A



1,07kg



16mm with 1/4" female attachment



3kg



16mm with 3/8" female attachment + Camera Bracket Art. 143BKT

Magic arm with camera bracket only.

MAGIC ARM 143N Not illustrated

Magic arm only, no accessories.

CAMERA/UMBRELLA BRACKET 143BKT Not illustrated

Camera bracket only.





FLEX ARM 237

-  0,4kg
-  Type 18
-  16mm
-  0,3kg

Flexible arm, Ø 13mm, 55cm long with hexagon stud to fit Super Clamp 035 with 3/8"female thread and 16mm stud with 1/4"male thread type 18.



HEAVY DUTY FLEX ARM 237HD

-  0,75kg
-  Type 18
-  16mm
-  0,5kg

Same as 237, but Ø 18mm.



CAMERA FLASH ARM 233B

-  0,44kg
-  1kg
-  Type 1 + Adapter Art.118

2 section (Ø 19 and 16mm) telescopic lift.
Minimum height: 30cm
Maximum height: 45cm.



BASE FOR ARTICULATED ARM 196BASE

-  2,2kg
-  Type 1

Floor desk base for 196, 143, 237, 237HD and 244.

Manfrotto broadens its family of articulated arms, providing end users with a versatile and robust range of products with excellent performance.

The new articulated arms have been designed to be compact and lightweight yet offer high loads capacity and optimum arm length in order to guarantee extreme ease of use, practicality and positioning flexibility with improved safety and reliability.



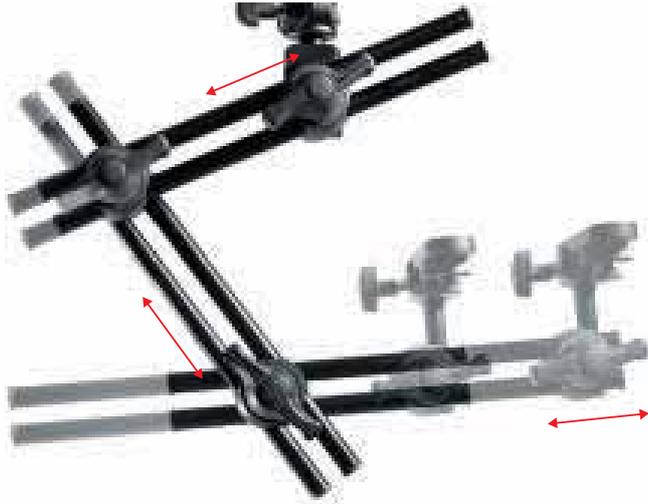
SINGLE ARTICULATED ARMS: 2 & 3 SECTIONS

A more versatile version with telescopic features that make this product even more compact than before. Two available versions -at two and three sections- in order to ensure broad range of length, from 605 to 850 mm

Code	Sections	Top attachment	Bottom attachment	Max length	Max load at full extensions	Weight
196AB-2	2	16mm spigot 3/8" light attachment	16mm spigot (compatible with Superclamp) with 1/4"thread	605mm	1,5kg	0,4kg
196AB-3	3	16mm spigot 3/8" light attachment	16mm spigot (compatible with Superclamp) with 1/4"thread	850mm	1kg	0,5kg
196B-2	2	camera bracket with 16mm spigot and camera attachment	16mm spigot (compatible with Superclamp) with 1/4"thread	605mm	1,5kg	0,53kg
196B-3	3	camera bracket with 16mm spigot and camera attachment	16mm spigot (compatible with Superclamp) with 1/4"thread	850mm	1kg	0,63kg



Sliding extensions allow for flexible positioning - Easy to use, even in reduced spaces.



Just turn knob to click-stop and arm position is immediately locked.



Double-anchored spigot with hexagonal (for Super Camp attachment) & universal (for maximum compatibility) sections. Gives extra strength and anti-rotation rigidity.



DOUBLE ARTICULATED ARMS: 2 & 3 SECTIONS

Excellent performance: robustness, lightness and versatility... these are the features of the new double articulated arm range. The 396 family has been developed to provide greater robustness than the 196 range and to support heavier loads (upto 5kg), though keeping versatility thanks to its extendable sliding arm system (extends upto 860mm), further enhanced by its quick lock system.

The new bottom attachment adds to the strength and versatility of the 396, with a spigot that combines both a hexagonal part (for anti-rotation fixing to the Superclamp system) and a universal adapter section (for fitting to a wide range of stands, clamps and accessories).

Code	Sections	Top attachment	Bottom attachment	Max length	Max load at full extensions	Weight
396AB-2	2	16mm spigot 3/8" light attachment	Double-anchored 16mm hexagonal/universal spigot	625mm	5kg	0,5kg
396AB-3	3	16mm spigot 3/8" light attachment	Double-anchored 16mm hexagonal/universal spigot	860mm	4,5kg	0,79kg
396B-2	2	camera bracket with 16mm spigot and camera attachment	Double-anchored 16mm hexagonal/universal spigot	625mm	5kg	0,64kg
396B-3	2	camera bracket with 16mm spigot and camera attachment	Double-anchored 16mm hexagonal/universal spigot	860mm	4,5kg	0,9kg





EXTENSION ARM 042

0,21kg 8kg GC U
Type 1 + Spigot Art. 013

Fits into Super Clamp 035 socket.
Length: 19,5cm.



"L" BRACKETS 041

0,29kg

Set of two brackets to use in combination with Super Clamp 035 to support shelves, etc. 17cm long x 4cm deep.



EXTENSION BAR 133 B

0,1kg

Used to fix 2 Super Clamps 035 at a distance of 15cm from each other.
Length: 16,5cm.



MICROPHONE SUPPORT 154 B

0,79kg 16mm 16mm + Spigot Art. 013

65cm long T Bar with 3 x 16mm sockets plus 3 x 16mm Spigot Art. 013.
Designed to fit on stand or bracket with 16mm pin.



MINI EXTENSION ARM 203

0,15kg 5kg

Fits into Mini Clamp 171 socket.
Length: 12cm.



MINI "L" BRACKETS 204

0,13kg

Set of two small brackets for Mini Clamp 171.
Sizes: 12 x 3 x 3cm.



LIGHTING GANTRY BAR 135 B

0,9kg

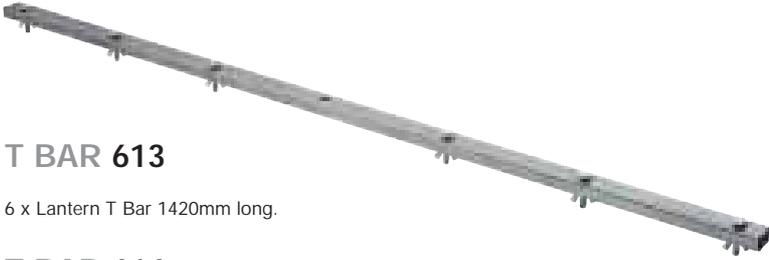
For mounting lighting fixtures. Length: 2m.
To be fixed between 2 Autopoles by means of Narrow "U" Hooks 040.
Measurements: 200 x 3,5 x 1,5cm.



FIVE SOCKET BRACKET 169

6,10kg 28mm 28mm 50kg*

100cm long T Bar with 5 x 28mm sockets for attaching up to 5 lighting fixtures.
Designed to fit on stand or bracket with 28mm socket.
*When load on one side only, max load capacity: 15kg.



T BAR 613

6 x Lantern T Bar 1420mm long.

T BAR 614 Not illustrated

4 x Lantern T Bar 1220mm long.

T BAR 615 Not illustrated

2 x Lantern T Bar 610mm long.



T BAR 613PAR

"T" Bar specifically design to carry six PAR 57 or 64 luminaires.
 Supplied with a built in TV male spigot.
 Max load capacity: 6kg on each attachments, only at the ends 12kg on each side.



PUMP CUP WITH 16MM SWIVEL SOCKET 241

-  1,2kg
-  2kg
-  16mm

Suction cup for small fixtures and lightweight equipment.
 Ø: 150mm. 16mm bushing with safety pin.



PUMP CUP WITH 16MM SOCKET 241S

-  1,2kg
-  2kg
-  16mm

A suction cup with a fixed 16mm socket incorporating a safety pin for added security.





Lighting booms provide the ideal unobtrusive way to position lighting and reflector equipment directly above the subject. The incredible number and variety of flash and continuous lights used, as well as their positioning requirements, have quickly made this range one of our most comprehensive lines.

We also have a wide selection of accessories available for customizing booms and make them easier to use.



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Boom arms allow you to position your lights in the most difficult positions.

Strong steel or tubular aluminium construction; counterweighted for smoothness of operation and stability.

Our considerable range allows you to choose the length, load capacity and support type that suits you, whether you're working from the ground on lighting stands, or directly from the wall or ceiling.



MEGA BOOM (STAND NOT INCLUDED) 425B

-  15kg
-  6kg*
-  GC
-  16mm/28mm

Largest boom in the range, remote control of pan, tilt and rotation of laminar plus geared telescopic extension. Combination of black zinc steel and black anodised aluminium tubes. 2 sections (Ø: 45, 55mm). Folded length: 220cm. Supplied with carrying bags. Min. extension from stand attachment: 50cm. Max. extension from stand attachment: 320cm. Suggested stand: Wind-Up series. * 6kg at maximum extension.



BLACK LIGHT BOOM (STAND NOT INCLUDED) 085BSL

-  8,9kg
-  6kg*
-  Type 25 + Spigot Art. 013

Ø 35mm. 3 section boom arm complete with Pivoting Clamp 123, Counter Weight 022, cable clips and locking key. Load: 6kg at 230cm with 20kg of counter weight. Weight: 2.2kg, boom only. Dismantled length: 100cm. Assembled: 280cm. * 6kg at maximum extension.



BLACK SUPER BOOM (STAND NOT INCLUDED) 025BSL

-  10,8kg
-  5kg*
-  Type 17 + Rapidapter Art. 014-38

Ø 35mm. 1 section boom complete with Pivoting Clamp 123, Counter Weight 022, cable clips. Load: 5kg at 200cm with 20kg of counter weight. Weight: 4.1kg, boom only. Remote control of lighting movement. 270cm long. * 5kg at maximum extension.



**BLACK LIGHT BOOM
(STAND INCLUDED) 085BS** Not illustrated



16,4kg Type 25 + Spigot Art. 013

Ø 35mm 3 section boom arm complete with Pivoting Clamp 123, Counter Weight 022, Cine Stand with casters, cable clips and locking key.
Load: 6kg at 230cm with counter weight. Weight: 2.2kg, boom only. 16.4kg including stand.
Dismantled length: 100cm. Assembled: 280cm.

**BLACK SUPER BOOM
(STAND INCLUDED) 025BS** Not illustrated



21kg Type 17 + Rapidapter Art. 014-38

Ø 35mm 1 section boom arm complete with Pivoting Clamp 123, Counter Weight 022, Cable Clips and Cine Stand 008 with casters.
Load: 5kg at 200cm with 20kg of counter weight. Weight: 4.1kg, boom only. Remote control of lighting movement.
270cm long.





LIGHT BOOM (STAND NOT INCLUDED) 024B



5,7kg Type 25 + Spigot Art. 013

Boom attaches to the shaft of most lightstands with diameters of 19, 20, 25, 28mm.
 Ø: 25mm 3 sections boom arm complete with Pivoting Clamp 124, Counter Weight 023, cable clips and locking key.
 Weight: 1.4kg (boom only). Load: 3kg at 170cm with counter weight.
 Dismantled length: 71cm. Assembled length: 200cm



Wall Bracket included

AUTOBOOM (STAND NOT INCLUDED) 254B



5,3kg Type 25 + Spigot Art. 013 + type 37

Boom arm for heavy stand or wall bracket mounting featuring self balancing spring system.
 Maximum load: 4kg at Maximum extension, 8kg at Minimum extension.
 Supplied with wall bracket.
 Minimum extension: 110cm. Maximum extension: 200cm.



SUPER BOOM WITH COLUMN STAND 025TM



18,5kg Type 17 + Rapidapter Art. 014-38

Ø 35mm. 1 section boom arm complete with Pivoting Clamp 123, Counter Weight 022, Cable Clips and Column Stand with casters.
 Load: 5kg at 200cm with 20kg of counter weight.
 Weight: 4.1kg, boom only. 140cm long.



WALL BOOM (STAND NOT INCLUDED) 098B



2,3kg Type 25 + Spigot Art. 013

Wall mounted boom arm. 2 section (Ø 35, 29mm).
 Rotation: 160°vertically and 180°horizontally.
 Load, at full extension: 4.5kg.
 Minimum extension: 120cm. Maximum extension: 210cm.



**SHORT WALL BOOM
(STAND NOT INCLUDED) 098SHB** Not illustrated



2kg Type 25 + Spigot Art. 013

Load: 5kg.

Minimum extension: 78cm. Maximum extension: 122cm.



MINI BOOM 173B



0,32kg Type 18 and Type 19

Boom shaft Ø: 20mm. Length: 109cm.

LONG MINI BOOM 173HOB Not illustrated

Long version of 173B. Length: 150cm.



G-PESO 022



6,7kg

Counterweight. Clamps on Ø 22mm to 35mm.



MINI COUNTER WEIGHT 172



1,3kg

Clamps on bars from Ø 13mm to 30mm.

L-PESO 023 Not illustrated



4,3kg





PIVOTING BOOM CLAMP 123



0,72kg

Pivoting clamp for Ø 35mm boom shaft
Ø 28mm male and Ø 16mm attachment.



PIVOTING BOOM CLAMP 124



0,67kg

Pivoting clamp for Ø: 19, 20, 25 and 28mm boom shafts
(or any tubes of these diameters).

BABY DROP DOWN PIN E700



0,62kg



16mm



16mm



For a more accurate light positioning: it helps keeping the light in horizontal position independently on the angle of the boom. Specifically designed to be used on boom arm with light attachment with 16 mm pin.

AVENGER

JUNIOR DROP DOWN PIN E710



1,32kg



Type 35



Type 34



Same as E700, designed to be used on boom arm with light attachment with 28 mm bushing.

AVENGER



The ultimate adjustable lighting pole system can be used to create a background support, structure a lighting grid, or for hundreds of other studio applications. Its unique single action cantilever locking system exerts the correct amount of pressure to assure a secure fit, wedging the protective rubber ends in place wall to wall or ceiling to floor. The cantilever system incorporates a safety lock to prevent accidental de-tensioning or movement.

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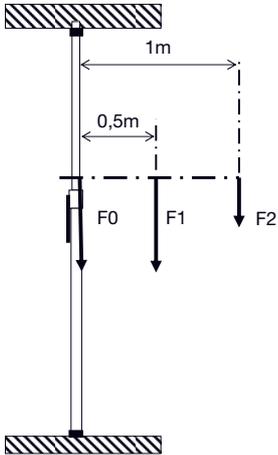
Unique cantilever single action locking system exerts pressure to securely wedge the rubber suction cup ends in place.

Cantilever system incorporates safety lock.

Floor to ceiling, or wall to wall fixing for strong vertical or horizontal support of lighting.

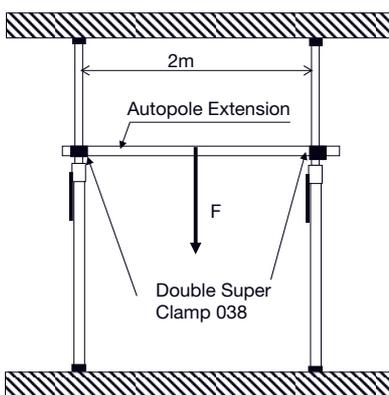
Loading limits

The following figures are valid for use with rigid floors and ceilings, and with the protection-cups mounted on the suction-cups.



Model	Load [kg]		
	F0	F1	F2
032	30	30	15
076	30	30	15
077	30	30	15
332-1,7	15	15	7
332-2,7	15	15	7
332-3,7	15	15	7
432-1,7	24	24	12
432-2,7	24	24	12
432-3,7	24	24	12

F0: maximum axial load
 F1: maximum load with 0,5m arm
 F2: maximum load with 1m arm



Model	Load [kg]
032	20
076	20
077	20
332-1,7	20
332-2,7	20
332-3,7	20
432-1,7	20
432-2,7	20
432-3,7	20

AUTOPOLE 032 B

2,2kg

Extends from 210cm to 370cm.
 Pole Ø: 45mm and 40mm.

AUTOPOLE 076 B

1,83kg

Extends from 150cm to 270cm.
 Pole Ø: 45mm and 40mm.

AUTOPOLE 077 B

1,5kg

Extends from 100cm to 170cm.
 Pole Ø: 45mm and 40mm.



AUTOPOLE 2 432-3.7 B



2,6kg

Two position variable thrust.
Extends from 210cm to 370cm.
Pole Ø: 45mm and 40mm.
PATENTED

AUTOPOLE 2 432-2.7 B



2,23kg

Two position variable thrust.
Extends from 150cm to 270cm.
Pole Ø: 45mm and 40mm.
PATENTED

AUTOPOLE 2 432-1.7 B



1,9kg

Two position variable thrust.
Extends from 100cm to 170cm.
Pole Ø: 45mm and 40mm.
PATENTED

MINI AUTOPOLE 332-3.7 B



1,38kg

Extends from 210cm to 370cm.
Pole Ø: 35mm and 32mm.

MINI AUTOPOLE 332-2.7 B



1,13kg

Extends from 150cm to 270cm.
Pole Ø: 35mm and 32mm.

MINI AUTOPOLE 332-1.7 B



0,85kg

Extends from 100cm to 170cm.
Pole Ø: 35mm and 32mm.



Autopole2® locking system with 2 setting for thrust tension.





AUTOPOLE BASE 032BASE [®]



86cm



126cm



1,2kg

For tubes: Ø 45mm.
Legs Ø: 22mm.



MINI POLE BASE 170BASE [®]



62cm



106cm



0,67kg

For tubes: Ø 28mm.
Legs Ø: 22mm.



AUTOPOLE SPIRIT LEVEL 032SPL

Spirit level for use on Autopole®,
or on tubes of 25mm to 60mm diameter.



AUTOPOLE PROTECTION CAPS 032PC

Set of four protection caps for rubber feet with inner hole.
Ø: 16.5mm. Suitable for use with all Autopoles
except Midi Autopole® 332 and Mini Pole 170.

EXTENSION TUBE 033 **B**



0,69kg

Autopole® Extension tube.
Ø: 40mm.
Length: 2m.
Suitable for Autopole2® and Autopole®.

EXTENSION TUBE 034 **B**



0,53kg

Autopole® Extension tube.
Ø: 40mm.
Length: 1,5m.
Suitable for Autopole2® and Autopole®.

MINI POLE 170 **B**



0,87kg

Spring loaded mini pole.
Extends from 175cm to 330cm.
Post Ø: 25mm and 28mm.



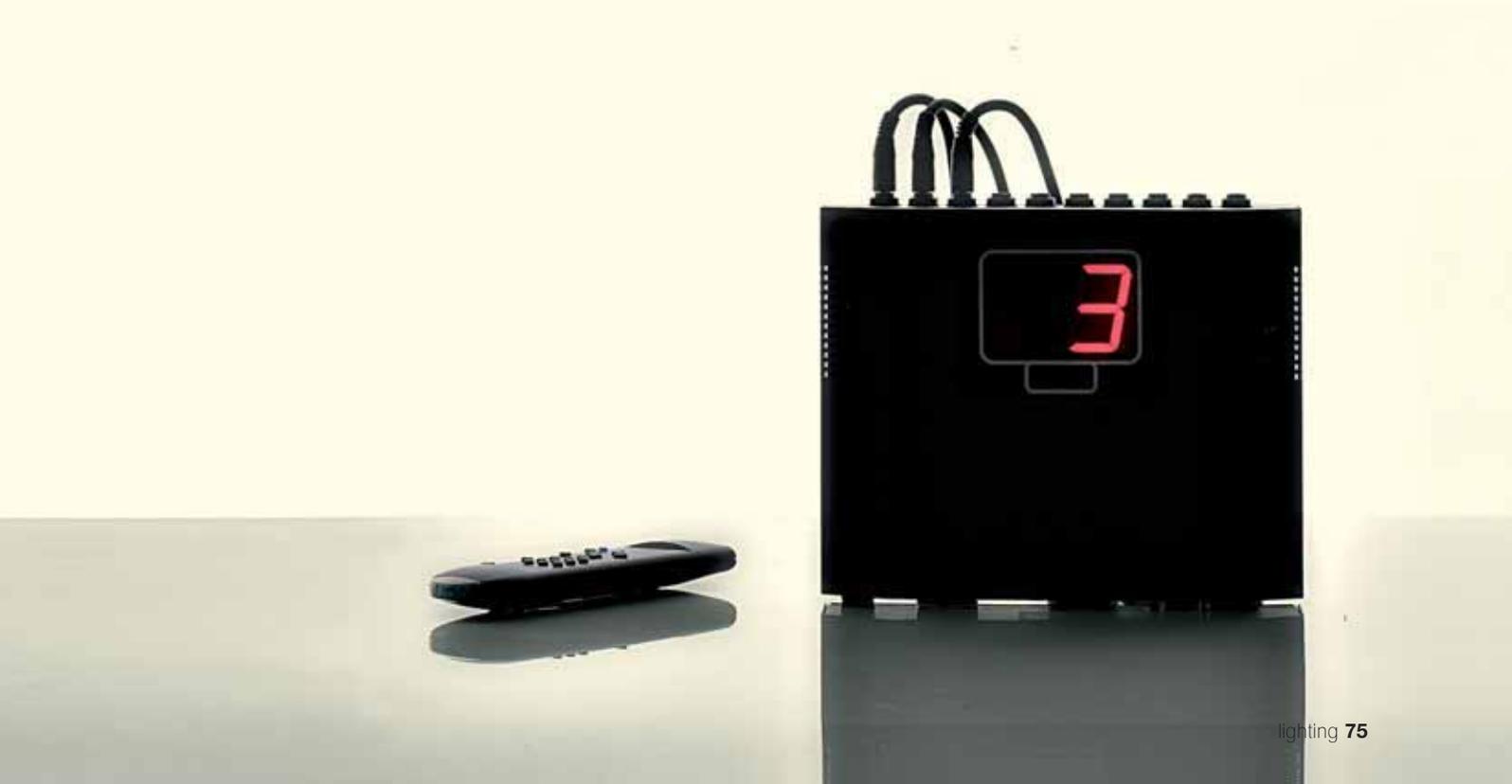


Our extremely modular background support system is reliable, simple to use and flexible enough to match most of your support needs for paper, drapable, hand-painted or canvas backgrounds, in the studio or on location. For core mounted backgrounds the system used is based on the EXPAN chain operated drive developed by Manfrotto.

The EXPAN can be mounted on dedicated hooks which vary in shape and design depending on the number of backgrounds to be used.

If, as usually happens with canvas backgrounds, there is no central core around which to wrap the background material, Manfrotto provides a three section telescopic pole that can be attached on top of a set of two stands, making it ideal for location assignments.

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Manfrotto motorised background support system composed by:

Background roll supporting spigots Single version only (1 pair for each background to be supported):

Code: 850

Control box with Infra Red remote controller 2 versions are available depending on voltage of local mains electric supply:

Code: 851 (for 110V supply)

Code: 852 (for 220V supply)

Hooks (pair)

3 versions to support 4/6/10 backgrounds:

Code: 854-4

Code: 854-6

Code: 854-10

Mains electric power cable 3 different power leads are available to fit the most common electric sockets:

Code: 850US

Code: 850EU

Code: 850UNIV

CONTROL BOX - 220V 852

Main control box power supply voltage - 230V 50Hz
(European version) with Infra Red remote controller.

Manfrotto's motorised EXPAN system is based on the well known manual EXPAN device, a fast and efficient paper background drive set designed by Manfrotto to easily and rapidly roll and unroll all types of backgrounds (using a similar technique to that used on window blinds). The 852 and 851 EXPAN background units build on the practicality of the original concept and add motorised, remote controlled practicality and ease of use to perfectly control the deployment of up to 10 backgrounds.

Controls up to 10 motors (therefore 10 backgrounds).

Operating functions controlled by included IR remote controller.

Advanced IR communication functions.

- Remote controller and control box are both programmable for operation on one of seven different channels - therefore if two control box systems are used in the same room, they can be set to different channels to avoid interference. In this case, it is not possible to control both main control boxes with one remote IR controller.
- Communication protocol IRUP - Infra Red over UPSEC Protocol.
- Advanced IR receiver is very sensitive to remote controller signal but extremely disruption-proof.
- Advanced background motor control functions.
- Each channel has independent, programmable background stop levels for max and min extension positions. Positions are remembered even after power off.
- Manual mode background positioning.
- "Overload sensor" - automatically stops motor to protect equipment in case of overloading.
- "All backgrounds up" function - automatically rolls all backgrounds with a single touch of a button.
- "Background Start-up" function for easy background positioning in manual mode.
- "Fast stop" function - stops the background immediately, also reduces motor inertia after power off.
- Advanced background rolling modes, which speed-up system operation i.e. rolling up unused backgrounds.

Integrated easy-read display (digit height 45mm) shows selected background number.

Standby mode for minimised power consumption.

Internal software upgrades possible via ordinary PC (cable and software upgrades supplied separately).

Communication follows UPSEC protocols to permit future extensions of the product (e.g. control by PC, radio, etc.).

Sound signals for easy operation.

Customisable - user can change parameters of the control box such as background working modes, sound on/off, etc.

Owing to differences in international standards, main power supply cable is not included.

Each control box has two "test" functions, which roll selected backgrounds up and down.



CONTROL BOX - 110V 851 Not illustrated

Main control box power supply voltage - 110V 50/60Hz
(Asia/US version) with Infra Red remote controller.



BACKGROUND ROLL SUPPORTING SPIGOT 850

Supplied in sets (one set = 1 passive roller and 1 active motor drive).

Heavy duty motor to allow operation of heavy backgrounds

(up to 12kg) Smooth operation thanks to cardan - type clutch

Equipped with hall-effect electronic position sensors, enable

positioning precision down to 1/3 of a turn.

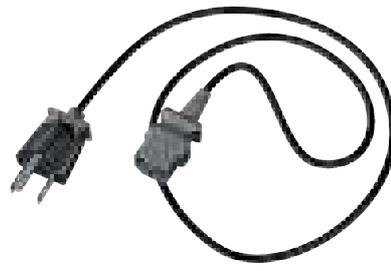
Very easy to install - just plug in jacks.

Cable to Main control Unit 1.5 meter length.



**HOLDER FOR 4 BACKGROUNDS
854-4**

Set of two universal holders for 4 backgrounds.
Can be hung from wall or ceiling.
Holders max load (depending on wall/ceiling) 100kg.
Supplied screws may not be suitable for all wall/ceiling types.



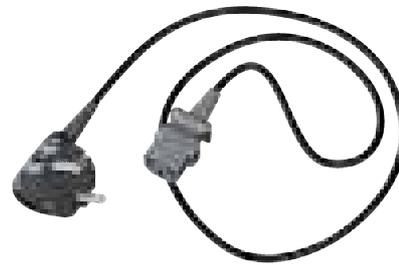
**MAIN POWER CABLE - USA
850US**

Main power cable for Control Box USA plug.
Type NEMA5-15P - 2.5mt long.



**HOLDER FOR 6 BACKGROUNDS
854-6**

Set of two universal holder for 6 backgrounds.
Can be hung from wall or ceiling.
Holders max load 140kg when holders are attached to the ceiling,
70kg if attached to the wall.
Supplied screws may not be suitable for all wall/ceiling types.



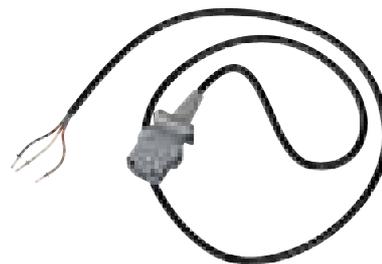
**MAIN POWER CABLE - EUROPEAN
850EU**

Main power cable for Control Box European plug.
Type CEE7-Y11 - 2.5mt long.



**HOLDER FOR 10 BACKGROUNDS
854-10**

Set of two universal holder for 10 backgrounds.
Can be hung from wall or ceiling.
Holders max load 180kg (depending on wall/ceiling).
Supplied screws may not be suitable for all wall/ceiling types.



**MAIN POWER CABLE
850UNIV**

Main power cable for Control WITHOUT PLUG.
- 2.5mt long.

**MOTORISED EXPAN 220V WITH HOLDER
FOR 4 BACKGROUNDS 852K-4** Not illustrated

Composed by 852 + 854-4 + 850EU and four 850.

**MOTORISED EXPAN 110V WITH HOLDER
FOR 4 BACKGROUNDS 851K-4** Not illustrated

Composed by 851 + 854-4 + 850EU and four 850.

The Manfrotto background support system is based on the Expan, a fast and efficient background drive set. Insert the EXPAN into the background roll, block and use the chain to roll the paper up and down as you wish.

A system of hooks is available in pairs and can support 1, 3 or 6 backgrounds when used in conjunction with the Expan.

B/P Hooks can be attached to Autopole by using the Super Clamp code 035 or screwed directly onto a wall or ceiling.



EXPAN 046



1,2kg



10kg

Background paper drive set for one roll. Including plastic chain and weight.
Expands from: Ø 46mm to 78mm.

EXPAN WITH METAL CHAIN 046MC Not illustrated

Same as 046 with metal chain.





B/P TRIPLE HOOKS 045



2,05kg

Set of two background paper holders for three Expan 046. Can be fixed to a wall with supplied studs and screws, or to Super Clamp 035 by means of supplied screw set.



B/P HOOKS 045-6



4,4kg

Set of two brackets for six Expan 046 sets. To be fixed to a wall with supplied screws.



B/P CLAMPS 044



2,85kg

Same as 045 but ready for use on Autopoles® including two Super Clamp 035.



B/P SINGLE HOOKS 059WM



0,54kg

Wall fixing background paper holder set for one Expan 046. Complete with screw set.



B/P SINGLE HOOKS 059



0,42kg

Set of two wall fixing background paper holders for one Expan 046. Plugs into Super Clamp 035 socket.



MINI SINGLE HOOKS 177



0,125kg

Set of two hooks for Expan 046 background paper holder to fit on Mini Clamp 171.



EXPAN CHAIN - 1M LONG, GREY 091G

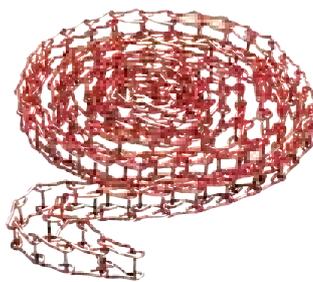


0,06kg

1m extra chain for Expan 046 to extend the standard one.
Available also in the following colours:
Red - code 091R;
Black - code 091B.

EXPAN CHAIN - 3M LONG, GREY 091FLG Not illustrated

3m extra chain for Expan 046.
Available also in the following colours:
Red - code 091FLR;
Black - code 091FLB.



EXPAN RED METALLIC CHAIN 091MCR



0,6kg

Can replace plastic chain on Expan 046.
Total length: 3.5m.
Available also in the following colours:
Grey - code 091MCG;
Black - code 091MCB.



CHAIN WEIGHT 094



0,3kg

Provides weight to keep Expan chain tight.



B/P COUNTERWEIGHT 062-2



0,85kg

Counterweight for background paper in 2 sections.
Length: 275cm.



ALU-CORE 047-2



1,28kg

Aluminium core in 2 sections Ø: 50mm for uncored back round paper.
Has adhesive tape for sticking on paper. Length: 275cm.

ALU-CORE 047-3 Not illustrated

Same as 047-2 but longer. Length: 366cm.



SET STANDS KIT 314B



4.2kg



10kg*

Designed to support rolls or sheets of background paper or any other background material.

The kit comprises of:

1 x 3 Section Telescopic Pole Art. 272,

2 x Baby Stand Art. 052,

2 x Mini Spring Clamp Art.275 and Transport Kit Bag.

* distributed on background roll

TELESCOPIC POLE 272B Not illustrated

3 section telescopic background pole on it's own.

Minimum extension: 112cm.

Maximum extension: 298cm.

Weight: 0.25kg.

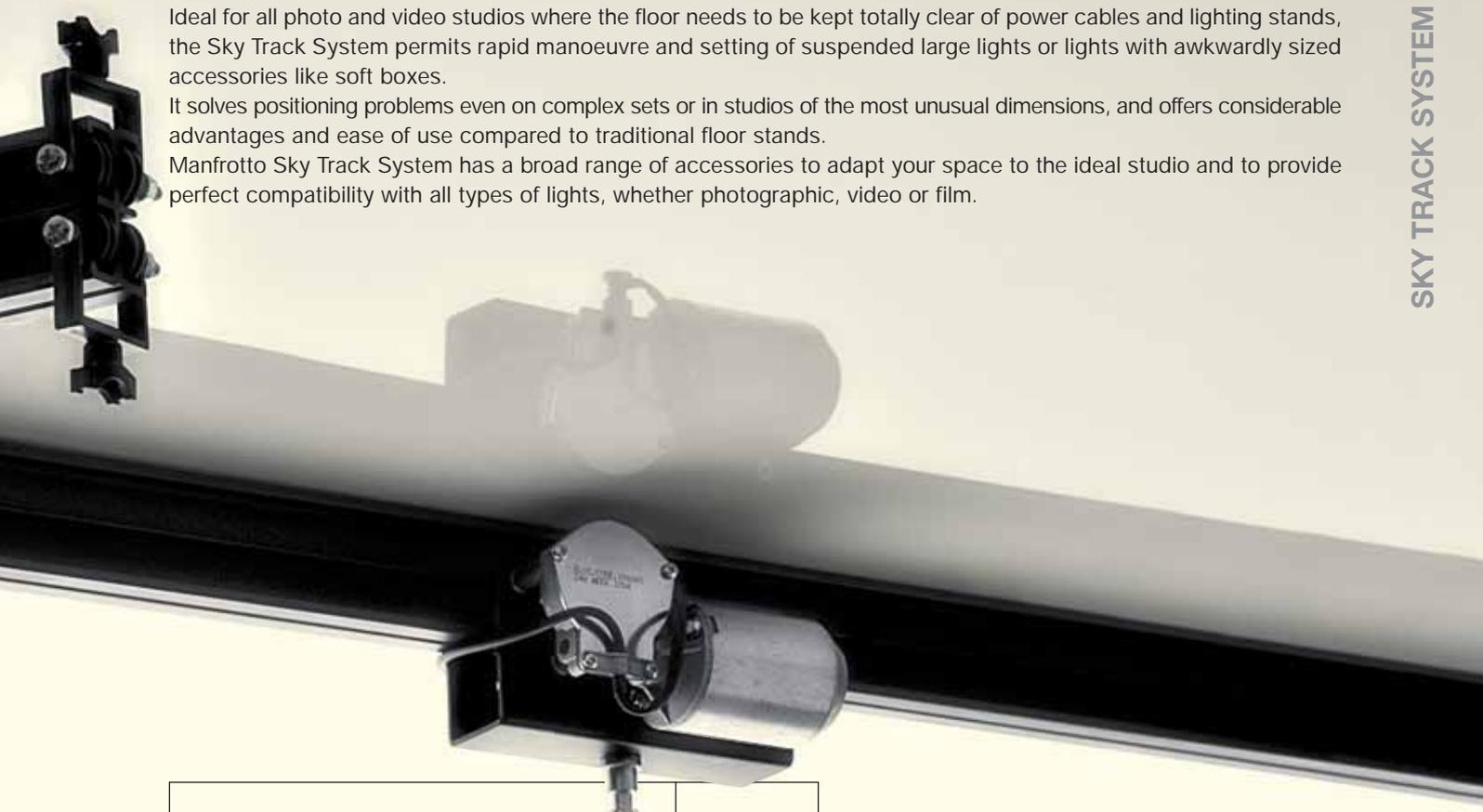
Attachments: type 25.



Ideal for all photo and video studios where the floor needs to be kept totally clear of power cables and lighting stands, the Sky Track System permits rapid manoeuvre and setting of suspended large lights or lights with awkwardly sized accessories like soft boxes.

It solves positioning problems even on complex sets or in studios of the most unusual dimensions, and offers considerable advantages and ease of use compared to traditional floor stands.

Manfrotto Sky Track System has a broad range of accessories to adapt your space to the ideal studio and to provide perfect compatibility with all types of lights, whether photographic, video or film.



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The Sky Track System is a comprehensive range of lighting suspension for all situations from small studios to the largest ones. Manfrotto line includes the versatile ceiling mounted, rails, manual and motorised pantographs and a wide range of brackets and support.



3M RAIL ANODIZED (BLACK) FF6003B

These rails are made in section of black anodized aluminium in standard lengths as listed.

For fixed rails, longer sizes are obtainable by fitting two or more rails together. Sliding rails cannot be joined. To connect two fixed rails use code FF3208. You must always support the junction of two rails with a ceiling attachment placed on the junction itself.

Moving rails longer than 3m must be supported with more than two fixed rails. The maximum distance (B) between any of these fixed rails is 2m (see drawing).

ANCHORAGE POINT

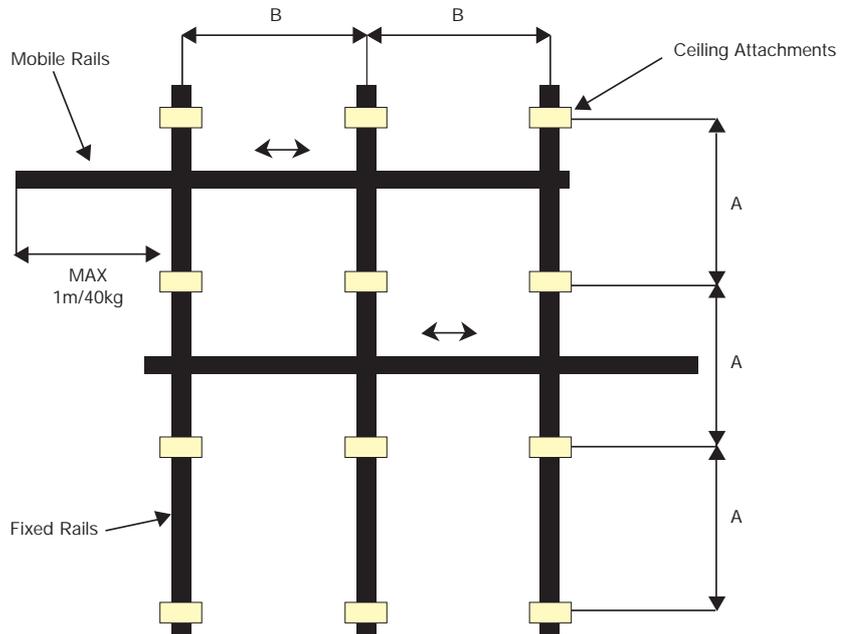
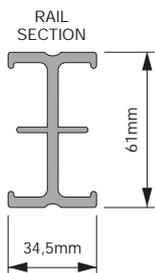
The spacing of the rail support brackets depends on the load anticipated on the rail itself, but should generally be in accordance with the table below, "A" indicates the distance between two anchorage points.

However we advise that fixing brackets should not be spaced more than 2m apart.



4M RAIL ANODIZED (BLACK) FF6004B Not illustrated

5M RAIL ANODIZED (BLACK) FF6005B Not illustrated

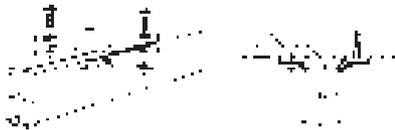


RAIL WORKING MAX LOAD CHART	
A (mm)	WEIGHT (kg)
1000	200
1500	100
2000	50



BRACKET FOR CEILING ATTACHMENT FF3210

Bracket for ceiling attachment of the rail. It is advisable to pre-assemble these brackets onto the rails at ground level to ensure correct alignment before screwing to a ceiling.



ANGLE BRACKET ("L"-SHAPED) FOR FIXING TO BEAMS FF3212

Bracket for wall attachment of the rail.



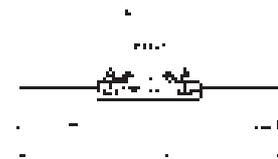
ADJUSTABLE BRACKET FOR IRREGULAR CEILINGS FF3215

Allows height differences in ceilings of maximum 2cm; combining two brackets you can compensate for differences of maximum 4cm.



DOUBLE BRACKET FOR RAIL CROSSINGS FF3211

This is used to permanently attach two rails at a right angle or parallel.





CEILING BRACKET WITH 30CM EXTENSION FF3216

CEILING BRACKET WITH 50CM EXTENSION FF3218 Not illustrated

CEILING BRACKET WITH 100CM EXTENSION FF3220 Not illustrated

Used alone or in combination these brackets allow the attachment of the rails at the desired height.



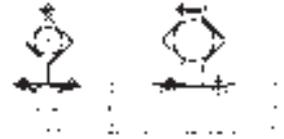
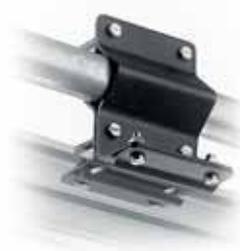
EXTENSION BRACKET FOR VARIOUS HEIGHTS FF3215A

Its length is adjustable from 10cm to 15,5cm. Using the clamp screw, you can obtain all intermediate sizes. Provided with a security lock, in case the regulating screw loosens, blocks the bracket at maximum extension. It's used to compensate for height differences in ceilings of 5,5cm or more, with combinations of other brackets. It's also used for obtaining intermediate sizes in combination with the extendable ceiling brackets.



KIT OF 4 END STOPS WITH 4 CABLE CARRIAGES FF3207

These fit to the holes on the ends of a rail to prevent carriages leaving the rail and to prevent moving rails leaving their carriages.
IMPORTANT: must be fitted to upper and lower holes on moving rails but only to lower holes on fixed rails



BRACKET FOR TUBE ATTACHMENT FF3214

This can be fastened to tubes with diameters from 35mm to 50mm inclusive. It's used to directly support the rail that can be fixed in place either longitudinally or transversely.
 This bracket can be used as a brace for fixed supports, as well.



BRACKET FOR CEILING ATTACHMENT FF3214A

Can be attached directly by screws or rods with a maximum diameter of 1/2". Before mounting the bracket it is advisable to standardize the length of both the rods and screws.
 Fix the bracket between a nut allowing the screw on the inside of the bracket to protrude about 1,5cm. When fixture is completed, it is then possible to regulate a perfect rail levelness by adjusting the nuts which fasten the brackets.



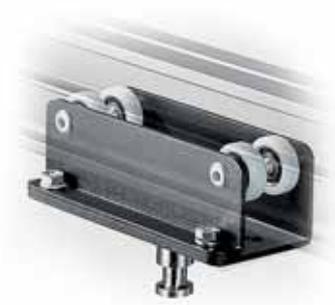
RAIL MOUNTING KIT WITH M12 STUD FF3214B

Comprised of a bracket to be attached to the ceiling with 4 screws, a 1m long M12 rod completely threaded, 4 M12 nuts, and a bracket for the rail fixture.
 The rod can be cut to the desired size and then attached to the bracket by way of the nuts supplied.
 The rod must protrude approx 1cm on the inside of the bracket.
 When fixture is completed, it is then possible to regulate a perfect rail levelness by adjusting the nuts which fasten the brackets.



ALIGNING CONNECTORS FOR FIXED RAILS FF3208

A pair of clamp plates with screws to join two fixed rails together by clamping across the junction on the upper guide, using holes provided in the rail.
IMPORTANT: the junction must always be supported by a rail-mounting bracket placed astride



DISMOUNTABLE SLIDING CARRIAGE WITH 4 WHEELS AND 16MM SPIGOT FF3228

This carriage can be inserted directly at any point on the rail by unscrewing the wheel plate. This is used when it becomes necessary to add a supplementary carriage to an already assembled RAIL SYSTEM installation. It is free-sliding and is suitable for normal loads.



4-WHEELED SLIDING CARRIAGE WITH 16MM SPIGOT FF3230

It is free-sliding carriage. It is suitable for normal weight loads up to 60kg.



MOTORISED CARRIAGE WITH 16MM SPIGOT FF3340

It is powered with a 24 Vdc motor and must be fed and operated by an electronic power supply, code FF3288M/FF3286M.



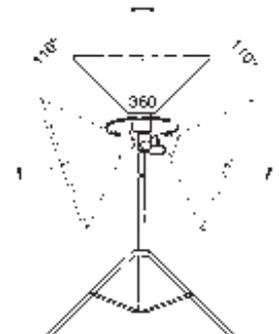
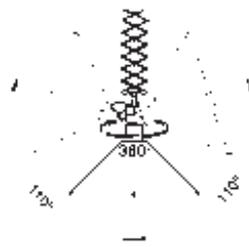
4-WHEELED SLIDING CARRIAGE WITH BRAKE AND 16MM SPIGOT FF3229

This is provided with a brake which keeps it locked in the position where it is placed. It is suitable for normal loads up to 60kg. To release brake pull down on wire with operating pole.



MOTORISED HEAD FF3450

Motorised head with 2 motors for the rotation made up of a small bank, flash or television camera. It has a 16mm spigot on both sides. It can be positioned between a pantograph and utilisation (illuminator, small bank, flash, video camera, etc.) or it can also be mounted onto a stand. It allows a combined rotation of 360° on axis X and 110° on axis Y. It is powered by two 24 Vdc motors that must be fed and operated by an electronic power supply FF3288M/FF3286M1; motor powers the rotation on axis X and the other on the axis Y.





**DOUBLE SLIDING CARRIAGE
FF3232**

Both the upper carriage and the lower one are free-sliding.



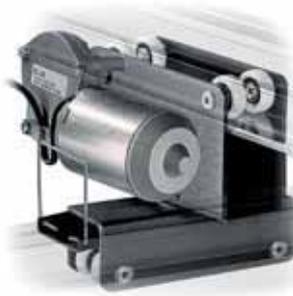
**DOUBLE SLIDING CARRIAGE
WITH DOUBLE BRAKE FF3235**

This is equipped with brakes on both upper and lower carriages. The upper brake blocks the carriage on the fixed rail, while the lower carriage's brake blocks the sliding of the moving rail.



**DOUBLE SLIDING CARRIAGE
WITH ONE BRAKE FF3236**

This is provided with a brake on only one carriage. Normally, the carriage with brake is mounted on the fixed rail so that it is locked into place enabling the mobile rail to slide. If the carriage with brake is mounted onto the mobile rail, you obtain the opposite effect, that is, the sliding of the mobile rail gets blocked, while the carriage can freely slide on the fixed rail.



MOTORISED DOUBLE CARRIAGE FF3350

The upper carriage is powered by a 24 Vdc motor which must be fed and operated by an electronic power supply code FF3288M/FF3286M. The lower carriage is equipped with a brake which blocks the mobile rail from sliding.



**DOUBLE SLIDING CARRIAGE
WITH AN EXTRA HEIGHT FF3325**

It is used together with the motorized carriage code FF3350. The upper carriage, is as high as the motorized carriage. Both the upper carriages and the lower one are free-sliding.



FIXED BRACKET ON RAIL WITH 16MM SPIGOT FF3856

The 16mm spigot allow the mounting of lights or accessories with 16mm female attachment.



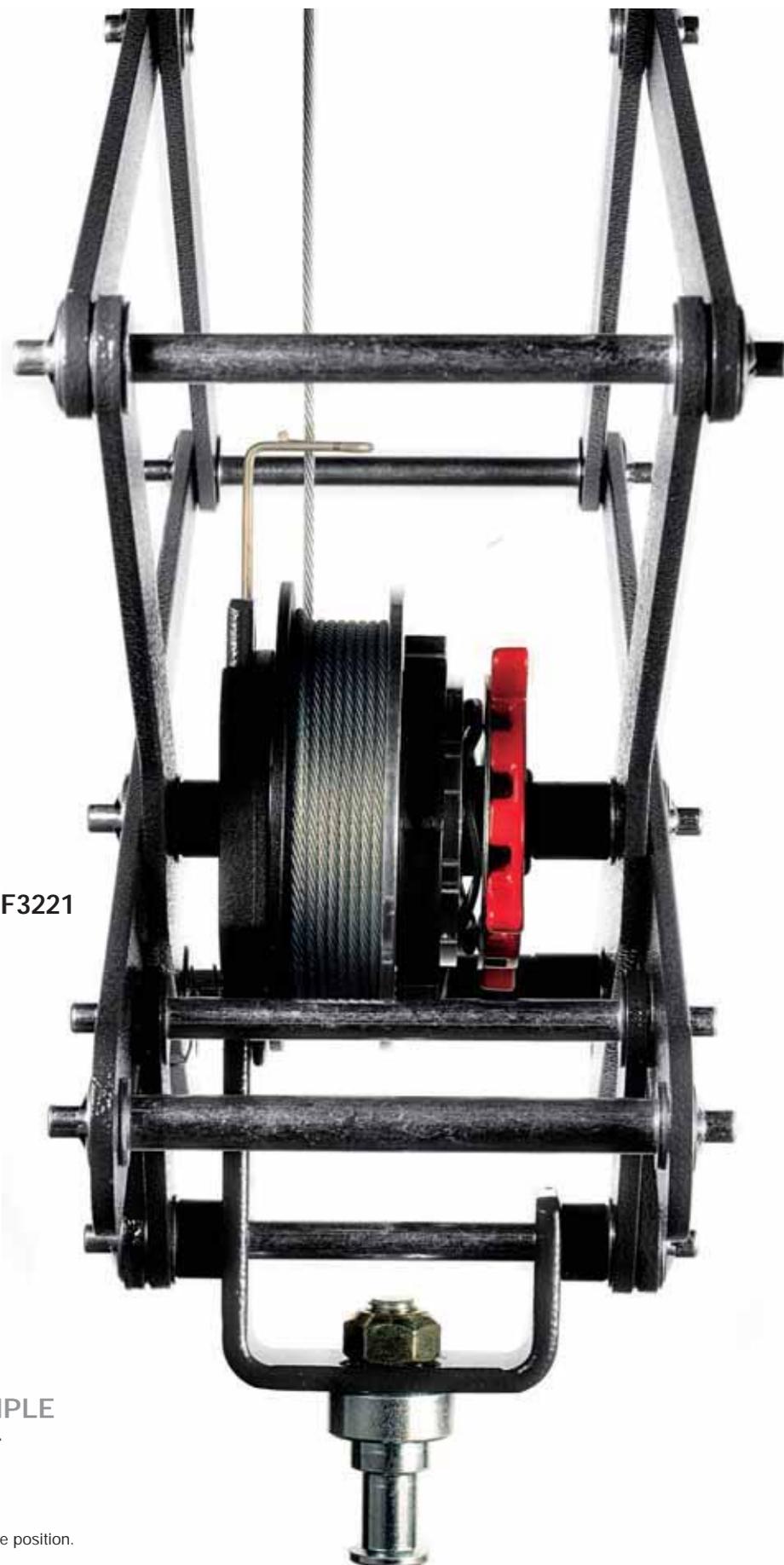
FIXED BRACKET ON RAIL WITH FEMALE ATTACHMENT 16MM FF3221

The 16mm socket allows the mounting of lights or accessories with 16mm male attachments.



SET OF 2 SUPPORTS WITH TRIPLE BACKGROUND HOOKS FF3224

These can be fixed directly onto the rails in order to have the backgrounds in a fixed position, or they can be fixed to simple carriages with the help of the fixed brackets code FF3221, in order to have a background in a movable position.





KIT OF 5 CABLE CARRIAGES WITH BEARING FF3226C

These are from the end of the rail and run on ball-bearings. They are suitable for heavy cables.



KIT OF 5 CABLE CARRIAGES FF3226

These are inserted from the end of the rail. They do not need wheels as they they slide along the rail and are suitable for normal cables.



CABLE HOLDER CARRIAGES FOR LARGE SECTION CABLES FF3226V

Runs on ball bearings. Holds cables up to 16mm diameter.



KIT OF 5 DISMOUNTABLE CABLE CARRIAGES FF3226S

By slightly opening them, they can be inserted at any point on the rail. They are suitable for light weight cables.



OPERATING POLE 428-2.5

4 sections, 3 risers. Ø: 28, 24, 20, 16mm.
Minimum extension: 100cm. Maximum extension: 250cm.
Closed length: 80cm.

OPERATING POLE 428-4.0 Not illustrated

4 sections, 3 risers. Ø: 28, 24, 20, 16mm.
Minimum extension: 140cm. Maximum extension: 400cm.
Closed length: 120cm.

OPERATING POLE 428-7.5 Not illustrated

3 sections, 2 risers. Ø: 28, 24, 20mm.
Minimum extension: 260cm. Maximum extension: 750cm.
Closed length: 210cm.



**SPIGOT ADAPTER 16MM FEMALE
28MM FEMALE FF3257**

It has a 16mm female attachment on one side and a 28mm female attachment on the other. It is used to fit accessories with 28 spigot to the RAIL SYSTEM.



**SPIGOT ADAPTER
16MM/28MM FF3260**

This adapter has a 16mm spigot on one side and a 28mm female attachment on the other. It is used to connect accessories with 28mm spigot to the RAIL SYSTEM. It comes complete with safety pins.



SPIGOT ADAPTER 013

Both sides have 16mm spigot. Used to connect two units with 16mm female attachment or to obtain 16mm spigot from a 16mm female attachment.



16MM FEMALE ADAPTER 158

Both sides have a 16mm attachment. Used to connect two units with 16mm spigot, or to obtain a 16mm female attachment from 16mm spigot.



**BALANCE ADJUSTMENT
BRACKET FF3261**

It has 16mm female attachment, to be fitted between pantograph and unbalanced lighting fixtures or other appliances. Easy adjustment, by means of a single lever, allows the pantographs to work properly.



POLE OPERATED TELESCOPIC BAR 362

Designed to support heavy light fittings, and provide pole operated pan plus tilt. Closed length: 35,5cm. Maximum height: 49cm. Male attachment Ø 28mm and 16mm.



OVERHEAD OUTLET-BOX WITH 3 UNIVERSAL SOCKETS FF3272

It has a 16mm female attachment with shear pin and locking screw. Comes complete with 5m of three-pole cable (3 x 1,5 Sq.mm) without plug. Max load 2000 Watts.



BRACKET FOR MULTIPLE MOUNTING FF3262

Has seven 16mm spigot and can be mounted, either in a horizontal or a vertical position, to pantograph or extensions. Can carry up to six appliances.



POWER SUPPLY CABLE FF3278

15m of three-core cable (3 x 1.5 Sqmm) with special sockets for lighting fixture.



UNIVERSAL SUPPORT FOR FLASH GENERATORS AND BALLAST FF3265

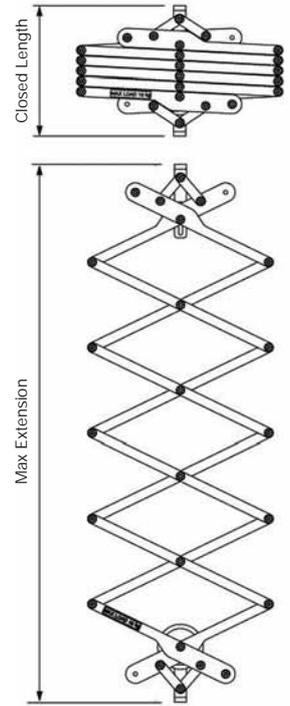
Maximum width is 52cm and max height 22cm. A 16mm spigot mounted on the bracket allows fitting to RAIL SYSTEM.



PANTOGRAPH TOP 4C FF3514N86

The pantograph is made of aluminium (P-Al MgSi UNI 3569) and manufactured according to DIN 15560-46. The attachments at both ends of the pantograph are 16mm, male on the bottom and female on the top. The load is supported by a steel cable of 2mm. diameter (safety factor 12). Loads up to 12kg can be suspended using only the patented friction device, while loads up to a maximum of 18kg require the use of the optional springs. The pantograph can be regulated to keep suspended loads from 1 to 18kg perfectly balanced. By turning the colored notched ring you can adjust the pantograph's friction; this will ensure that the load remains stable when set in position, but that it will move smoothly up and down when necessary. In any case, it is always advisable to use the springs to aid raising your pantograph. When choosing the additional spring(s) for your pantograph, you will first need to know exactly which model of pantograph you have, in order that you can select the spring of the correct length. If you have one of the new compact pantographs (with grey-painted "scissors"), look at the colour of notched ring the 2m version has a red notched ring, while the 3.8m version has a blue notched ring. After having identified the length of the pantograph, choose the appropriate spring(s) by referring to the table below.

Model	FF3514N86	FF3512N86
Lifting Rope	2mm wire rope	2mm wire rope
Safety Factor rope	12	12
Self Weight	7.3kg	4.7kg
Max working Load	18Kg	18Kg
Closed Length	38cm	27cm
Max Extension	380cm	200cm
Width	15cm	15cm



PANTOGRAPH TOP 2C FF3512N86

Same as FF3514N86 but shorter.



SPRING TYPE 4 RED FF3531

Additional Spring for pantograph top 2C.



SPRING TYPE 4 BLUE FF3533

Additional Spring for pantograph top 4C.

SPRING TYPE 12 RED FF3532 Not illustrated

Additional Spring for pantograph top 2C.

SPRING TYPE 12 BLUE FF3534 Not illustrated

Additional Spring for pantograph top 4C.

SPRING TYPE	COUNTER BALANCED WEIGHT
Without Spring	From 0kg to 4kg
Type 4	From 3kg to 8kg
Type 4 + Type 4	From 8kg to 14kg
Type 12	From 9kg to 16kg
Type 4 + Type 12	From 13kg to 18kg



TELESCOPIC POST EXTENDABLE FROM 85CM TO 203CM FF3248

A telescopic system for the balanced suspension of loads. Adjustable in height with automatic positioning at the desired position. A female attachment with safety plug and locking lever is fitted at each end. The safety plug has a latch with push-button releaselatch with push-button release. To adjust the balance of the load, rotate the handle clockwise or counterclockwise. It sustains loads from 1.5kg up to 12kg max.



EXTENSION TUBE 50CM LONG FF3240

These are fixed extenders which have a female 16mm attachment at each end. You fix them directly on the spigot of single carriages or to the fixed support FF3222.

SMALL TELESCOPIC POST EXTENDABLE FROM 60CM TO 128CM FF3249 Not illustrated

Same as FF3248, extendable from 60cm to 128cm.

EXTENSION TUBE 100CM LONG FF3242 Not illustrated

Same as FF3240, 100cm long.



SAFETY STEEL CABLE FF3276

Complete with spring catch and hook-up slot. Recommended for TELESCOPIC POST and TOP PANTOGRAPH in order to avoid accidental falling of equipment. Ø 2mm - Length 350mm.

POWER SUPPLY KIT 8 CHANNEL FF3288MKIT

The kit is composed of:
 1 Power unit to convert 220Vac to 24Vdc - FF3288M.
 1 Remote control with 8 up/down push buttons - FF3289M.

POWER SUPPLY KIT 4 CHANNEL FF3286MKIT Not illustrated

The kit is composed of:
 1 Power unit to convert 220Vac to 24Vdc - FF3286M.
 1 Remote control with 4 up/down push buttons - FF3287M.





TOP TWIST FF3290

Large lighting banks can be hung from the ceiling and manoeuvred using the Top Twist, thanks to its combination of tracks/rails, carriages and remotely-controlled motor groups.

- Two parallel rails, mounted on double carriages that run on the ceiling rails, carry the bank suspension group and allow it to be manually moved backwards and forwards.
- The central plate allows 360° motorised rotation (around the axis) and permits manual movement side to side on the rails.
- The bank supported on the rail/central support can be raised & lowered at three points, each of which is controlled by an independent motor.
- Manual movements are made easier by the supplied cables (with handles).
- Motorised movements are bi-directional and run by an electronic control box with remote control unit.

The kit is composed of:

- 3 Rails 3m long - FF6003B.
- 1 Rotation kit composed of complete 360° rotation plate, rail spacers and string complete with handgrips - FF3285.
- 8 Endstops - FF3207.
- 1 Motor group complete with sliding carriage - FF3282.
- 1 Double motor group complete with sliding carriage - FF3283.
- 1 4-channels electronic power supply - FF3286M.

Attention: Please note that the following parts are not included in the kit here pictured, and they should be ordered separately:

- Rail fixing brackets.
- 4 end stops.
- 4 double carriages.
- Cable carriages.
- Remote control.

For soft box with max size: 2,5 x 1,3-1,5mt
Max load: 22kg



TOP TWIST/S FF3400

Large lighting banks can be hung from the ceiling and manoeuvred using the Top Twist, thanks to its combination of tracks/rails, carriages and remotely-controlled motor groups.

- Two parallel rails, mounted on double carriages that run on the ceiling rails, carry the bank suspension group and allow it to be moved backwards and forwards.
- The central plate allows 360° motorised rotation (around the axis) and permits manual movement side to side on the rails.
- The bank supported on the rail/central support can be raised & lowered at three points, each of which is controlled by an independent motor.
- All movements are motorised & bi-directional, run by an electronic control box with remote control unit.

The kit is composed of:

3 Rails 3m long - FF6003B.

1 Motorised rotation kit with 2 TOP COPTER/S, motors, composed of 360° rotation plate, rail spacers and string complete with handgrips - FF3408.

8 Endstops - FF3207.

1 Motor group complete with sliding carriage - FF3282.

1 Double motor group complete with sliding carriage - FF3283.

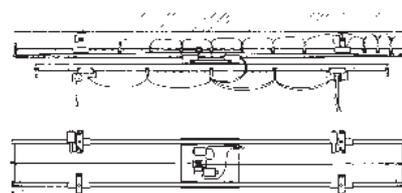
1 8-channels electronic power supply - FF3288M.

Attention: Please note that the following parts are not included in the kit here pictured, and they should be ordered separately:

- Rail fixing brackets.
- 4 end stops.
- 2 double motorised carriages, FF3350.
- 2 double sliding carriages, FF3325.
- Cable carriages.
- Remote control.

For soft box with max size: 2,5 x 1,3-1,5mt

Max load: 22kg

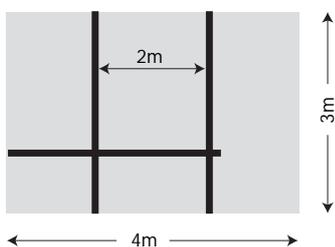


TOP SYSTEM 32 FF3032

Complete kit for small studios composed of 3 rails 3M long (two fixed and one mobile) and supports for 2 light sources (2 Telescopic Post).

The kit is composed of:

- 3 Rails 3m long - FF6003B.
- 2 Kits of 4 endstops - FF3207.
- 6 Brackets for ceiling fixture - FF3210.
- 2 Kits of 5 cable carriages - FF3226.
- 2 4-wheeled sliding carriages with 16mm spigot - FF3230.
- 1 Double sliding carriages - FF3232.
- 1 Double sliding carriages with single brake - FF3236.
- 2 Telescopic Post extendable from 85cm to 203cm - FF3248.
- 2 Universal spigot adapters 16mm - 013.
- 2 Safety steel cable - FF3276.

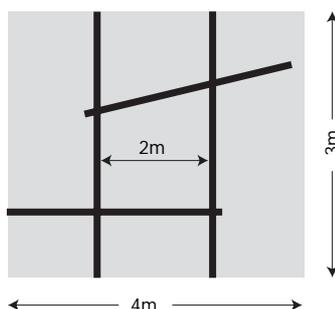


TOP SYSTEM 33 FF3033

Complete kit for small studios composed of 2 fixed rails 3m long, 2 mobile rails 3m long and supports for 3 light sources (1 Top Pantograph and 2 Telescopic Post).

The kit is composed of:

- 4 Rails 3m long - FF6003B.
- 3 Kits of 4 endstops - FF3207.
- 6 Brackets for ceiling fixture - FF3210.
- 3 Kits of 5 cable carriages - FF3226.
- 3 4-wheeled sliding carriages with 16mm spigot - FF3230.
- 2 Double sliding carriages - FF3232.
- 2 Double sliding carriages with single brake - FF3236.
- 2 Telescopic Post extendable from 85cm to 203cm - FF3248.
- 1 Top Pantograph extendable from 40cm to 200cm - FF3512N86.
- 2 Universal spigot adapters 16mm - 013.
- 3 Safety steel cable - FF3276.

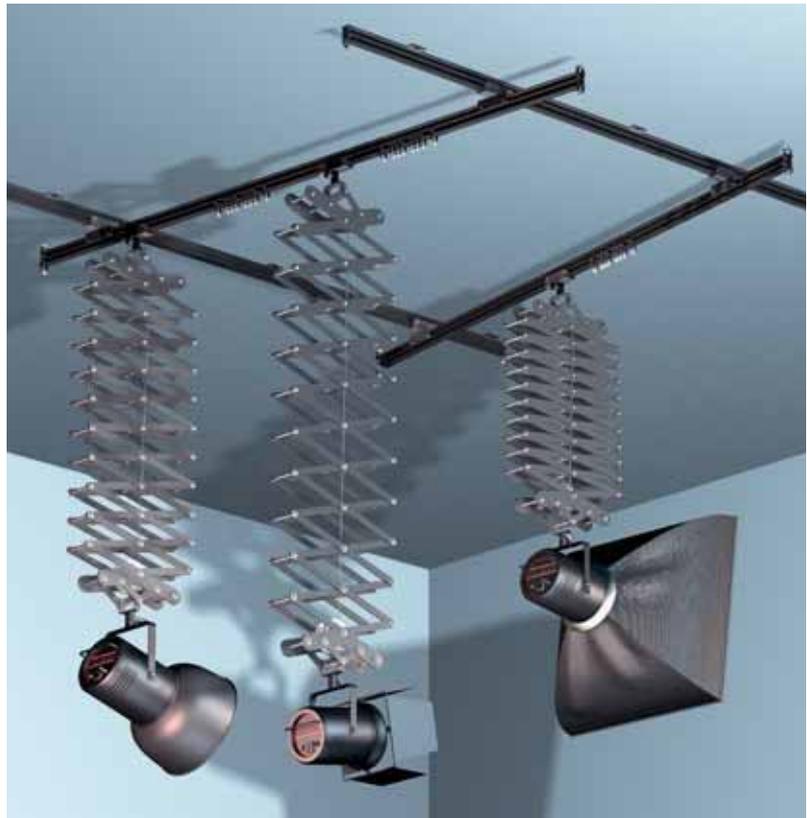
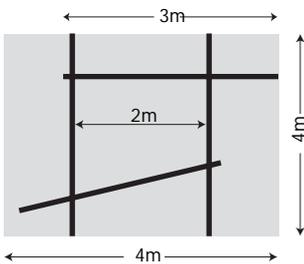


TOP SYSTEM 43 FF3043

Complete kit for medium-sized studios composed of 2 fixed rails 4m long, 2 mobile rails 3m long and supports for 3 light sources (3 Top Pantographs).

The kit is composed of:

- 2 Rails 3m long - FF6003B.
- 2 Rails 4m long - FF6004B.
- 3 Kits of 4 endstops - FF3207.
- 6 Brackets for ceiling fixture - FF3210.
- 3 Kits of 5 cable carriages - FF3226.
- 3 4-wheeled sliding carriages with 16mm spigot - FF3230.
- 2 Double sliding carriages - FF3232.
- 2 Double sliding carriages with single brake - FF3236.
- 3 Top Pantograph extendable from 40cm to 200cm - FF3512N86.
- 3 Safety steel cable - FF3276.

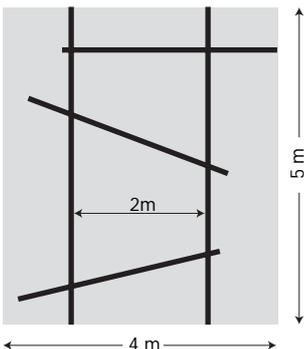


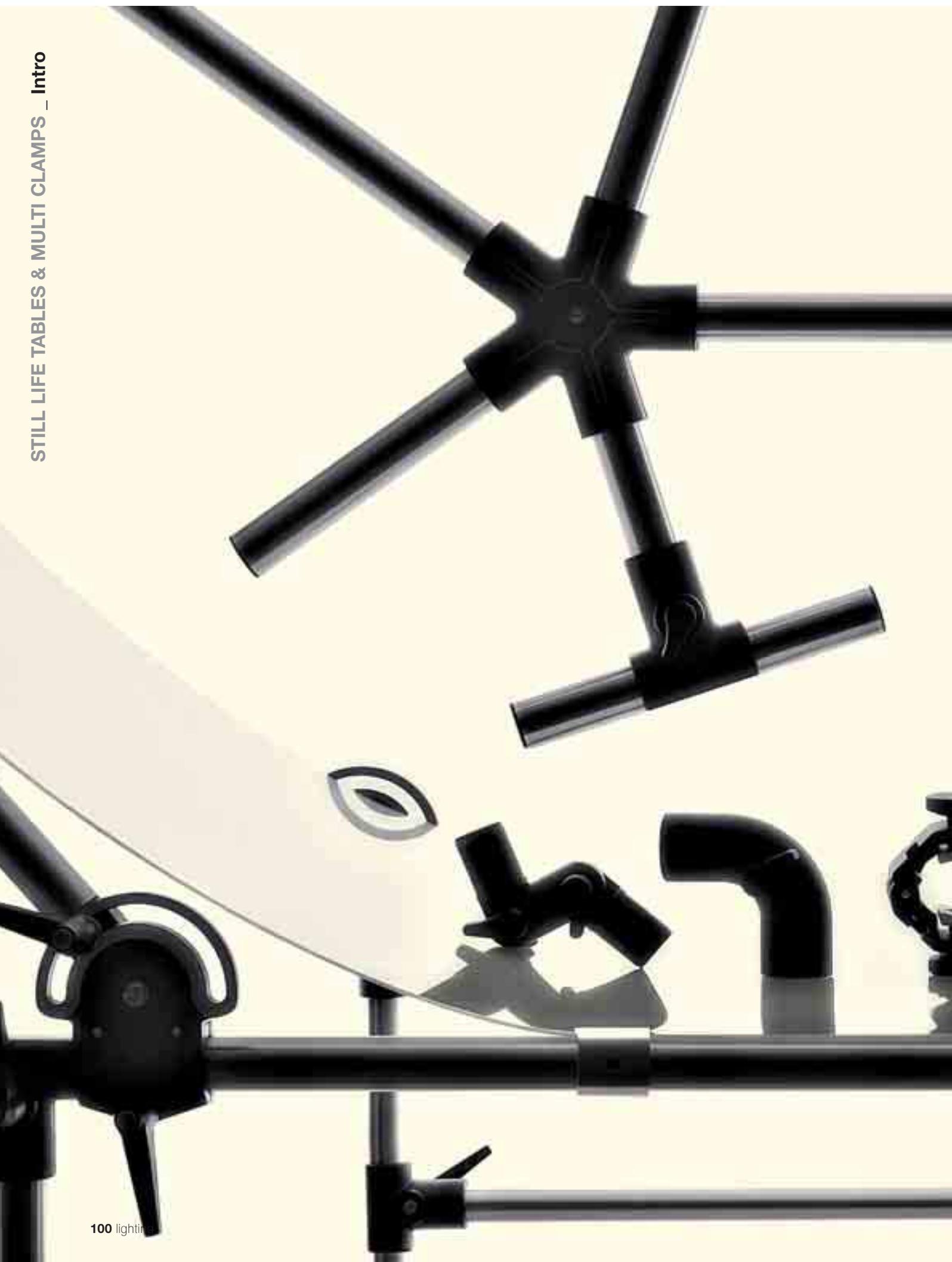
TOP SYSTEM 54 FF3054

Complete kit for large studios composed of 2 fixed rails 5m long, 3 mobile rails 3m long and supports for 5 light sources (4 Top Pantographs).

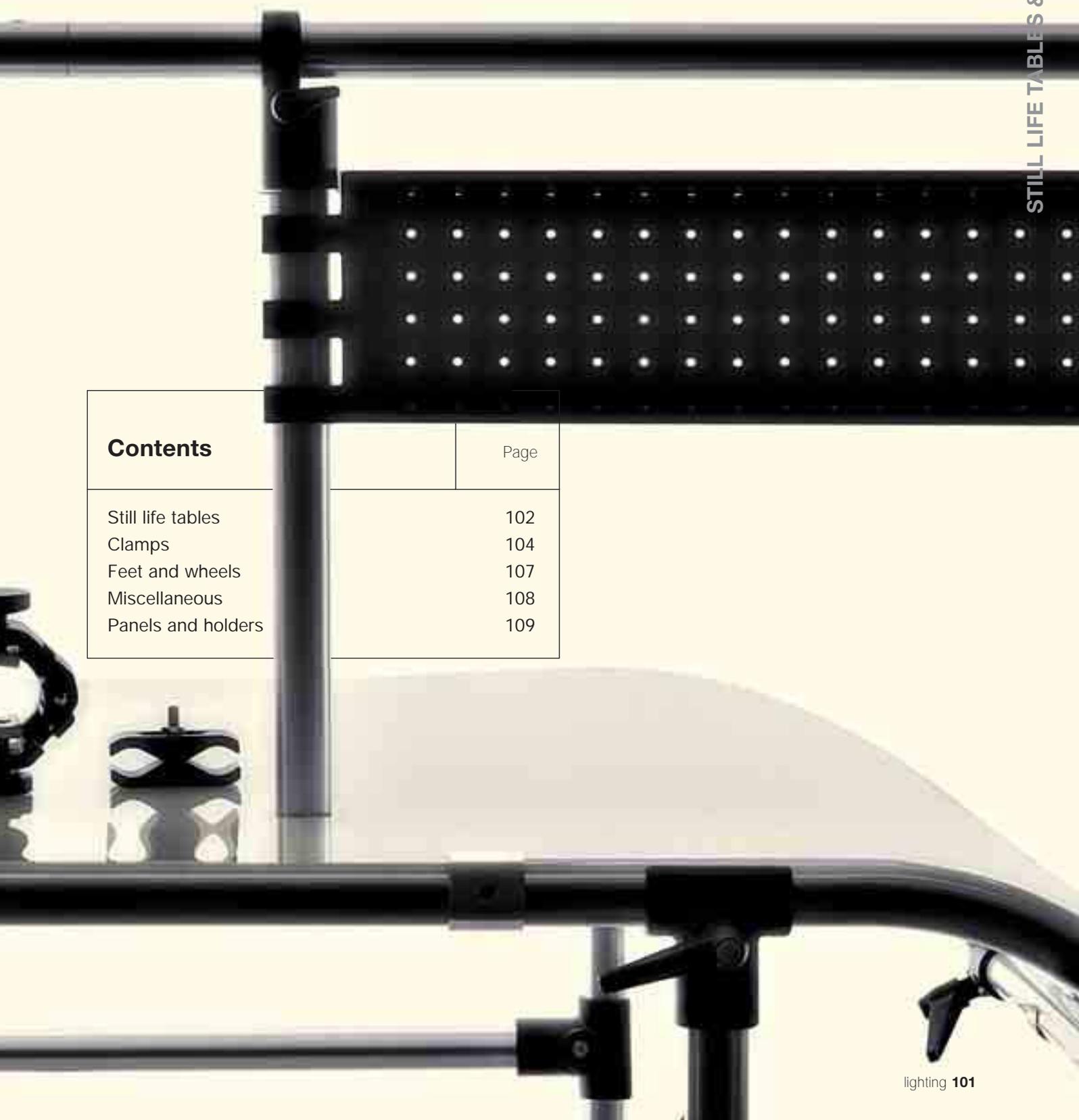
The kit is composed of:

- 2 Rails 5m long - FF6005B.
- 3 Rails 3m long - FF6003B.
- 4 Kits of 4 endstops - FF3207.
- 8 Brackets for ceiling fixture - FF3210.
- 4 Kits of 5 cable carriages - FF3226.
- 4 4-wheeled sliding carriages with 16mm spigot - FF3230.
- 3 Double sliding carriages - FF3232.
- 3 Double sliding carriages with single brake - FF3236.
- 4 Top Pantograph extendable from 40cm to 200cm - FF3512N86.
- 4 Safety steel cable - FF3276.





Indispensable for all professional still life photographers, Manfrotto Still Life tables are made with lightweight aluminum tubing, dedicated clamps and translucent white Perspex covers for back- or front-lighting of your subject. Their design allows continuous adjustment of the curved backdrop at different angles, making them ideal for product photography. Full modularity makes the table easy to assemble and disassemble. The Manfrotto Still Life line is complete with the well-known Multiclamp system. This extremely flexible and modular system allows you to design and create all sorts of supports that can be easily set up, dismantled and reused for completely different applications. Several accessories will allow you to deal with specific problems.



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Miscellaneous	108
Panels and holders	109

Multi-purpose shooting tables.

Model 220 is fully compatible with the Multiclamp range giving you the possibility to modify and adapt its features to your needs.

Easily assembled/disassembled aluminium structure.



STILL LIFE TABLE 220 ^B



18,6kg



15kg

Still Life Table with white, translucent perspex cover for back or front lighting.
 Size of panel: 200cm x 122cm.
 Distance from floor to flat surface: 83cm.
 Height with back on vertical position: 193cm.
 Adjustable tilting back.

STILL LIFE TABLE WITHOUT COVER 220PSL ^B

Not illustrated

Same as 220, without perspex cover.

PERSPEX COVER FOR STILL LIFE TABLE 220PX

Not illustrated

White, translucent perspex cover for back or front lighting.
 Size of panel: 200 x 122cm.



Quick-change spring clips hold the table cover to the frame.



Adjustable tilting back.



Easy tool-free assembly.



MINI STILL LIFE TABLE 320 ^B



Smaller version of Still Life Table model 220.
 Size of panel: 150 x 78cm.
 Distance from floor to flat surface: 70cm.
 Height with back in vertical position: 157cm.
 Adjustable tilting back and adjustable front legs.

MINI STILL LIFE TABLE WITHOUT COVER 320PSL ^B Not illustrated

Same as 320, without perspex cover.

PERSPEX COVER FOR MINI STILL LIFE TABLE 320PX Not illustrated

White, translucent perspex cover for back or front lighting.
 Size of panel: 150 x 78cm.



Adjustable tilting back



Easy tool-free assembly.

A modular system of tubes and clamps that can be combined together to provide a very fast and re-usable structure to support or suspend all or part of the subject that you are shooting.

Extreme flexibility and ease of assembly thanks to the choice between two fixture systems - permanent mounting using nuts and bolts, or temporary mounting using locking levers, which require no tools.

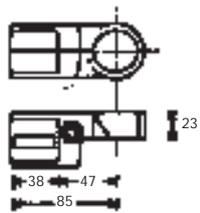
Clamps are available only in black.

The tubes, made of lightweight high resistance aluminium alloy, are available black or silver anodised.

Tubes measure 35mm in diameter and are available in four different lengths: 50, 100, 150 and 200cm.

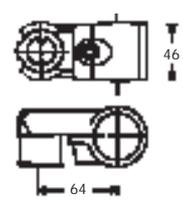
A separate tube cutter is also available to adapt the standard lengths to your specific needs.





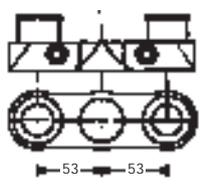
BASIC CLAMPS MT001

Used to connect tubes at a right angle.



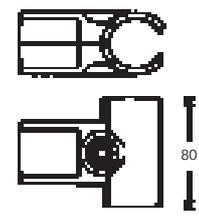
VARIABLE ANGLE CLAMP MT002

Used in conjunction with MT001 to create a structural pivot.



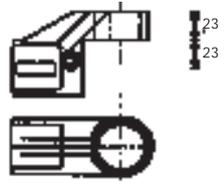
DOUBLE VARIABLE ANGLE CLAMP MT003

Used in conjunction with two MT001, to bridge one structural pivot into two.



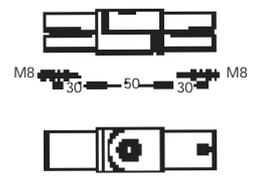
"T" CLAMP MT004

Used like MT001, when a stronger connection is required.



RIGHT ANGLE CLAMP MT005

Used to connect a third or fourth crossing tube on the same axis.



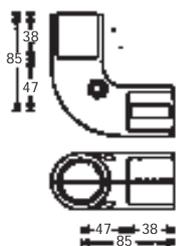
ARTICULATED JOINT 180° MT045

Two tubes can be fixed at any angle from 90° to +90°.



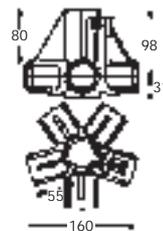
ARTICULATED JOINT 360° MT046

Joins two tubes at any angle from 180° to +180°.



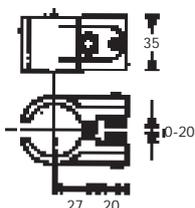
90° CURVED CLAMP MT029

Joins two tubes at 90° to each other.



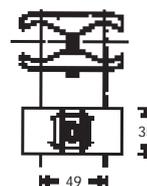
FIVE-WAY BASE CLAMP MT056

Joins upto five tubes on the same plane at 72° to each other, plus one tube on the perpendicular plane.



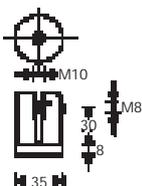
PANEL CLAMP MT013

Used to clamp large panels.



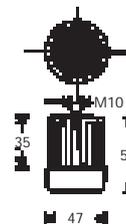
PARALLEL CLAMP MT014

Used to clamp two tubes in parallel.



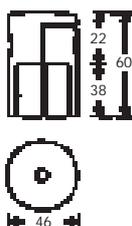
FOOT ADAPTER MT021

Expands and locks into tubes enabling the connection of various accessories (MT022, MT023, MT027, etc.).



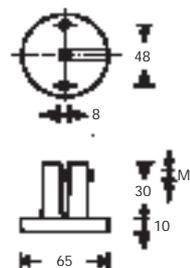
ADJUSTABLE FOOT MT022

Must be connected with MT021.



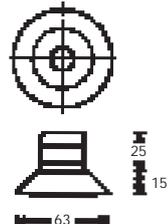
WALL TO WALL ADAPTER MT024

Used to fix tubes from wall to wall.



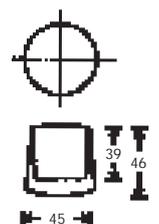
LARGE FOOT ADAPTER MT036

Used to fix a tube to wall or floor.



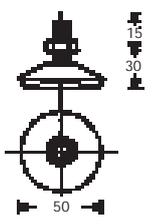
RUBBER TUBE FOOT MT015

Set of 2.



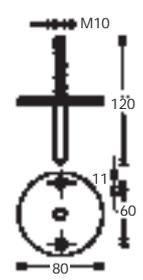
RUBBER TUBE COVER MT016

Set of 2.



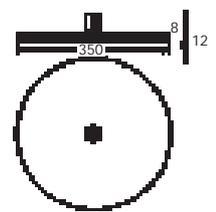
DISK FOOT MT030

Must be connected with MT021 or MT025.



OUTDOOR SPIKE MT023

Must be connected with MT021 or MT025.



DISK BASE MT065

Base plate for added stability.



WHEEL SET 103

Ø: 80mm without brakes, with M10 attachment.
Set of three.



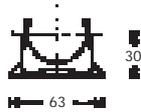
WHEEL SET 104G

Ø: 100mm without brakes, with M10 attachment.
Set of three.



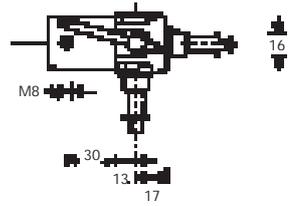
WHEEL SET 104

Wheel set Ø: 75mm with brakes and M10 attachment.
Set of three.



RUBBER SUCKER MT034

Used to support smooth panels/glass above horizontal tubes.
Can be used as a foot below horizontal tubes (set of 2).



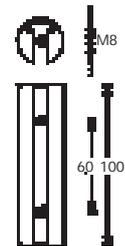
16MM SOCKET MT025

Used to mount standard 16mm light fixtures.



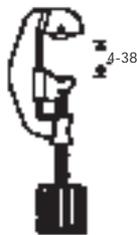
TUBE END PLUG MT017

Closes the ends of tubes.
Not suitable for use as a foot (set of 2).



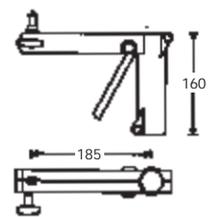
TUBE CONNECTOR MT020

Used to connect two tubes end to end.



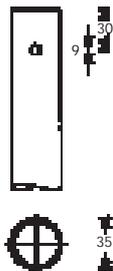
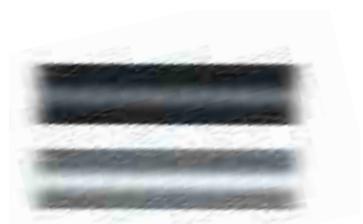
TUBE CUTTER MT018

Cut multiclamp tubing to the exact length you need for made-to-measure structures.



SLIDING SUPPORT ARM 231ARM

Quick release arm, used to mount standard 16mm light fixtures, attachments 16mm female and Spigot 013 (16mm male and 1/4" - 3/8" screws).

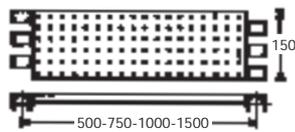


50CM LONG ALUMINIUM TUBE MT105 B

100CM LONG ALUMINIUM TUBE MT110 B

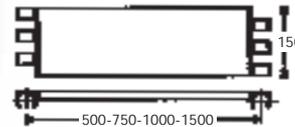
150CM LONG ALUMINIUM TUBE MT115 B

200CM LONG ALUMINIUM TUBE MT120 B



PANEL WITH HOLES MT007

These panels have plastic clips at either end which grip onto tubes to allow the creation of continuous planes (non-walkable) for use as shelves, supports or narrow walls.
Length: 500mm.



PANEL MT007P

Same as MT007, without holes.
Length: 500mm.

PANEL WITH HOLES MT008 Not illustrated

Length: 750mm.

PANEL MT008P Not illustrated

Length: 750mm.

PANEL WITH HOLES MT009 Not illustrated

Length: 1000mm.

PANEL MT009P Not illustrated

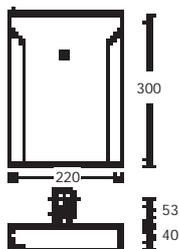
Length: 1000mm.

PANEL WITH HOLES MT011 Not illustrated

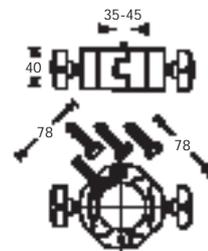
Length: 1500mm.

PANEL MT011P Not illustrated

Length: 1500mm.



BROCHURE HOLDER MT062



AUTOPOLE TO MULTITUBE ADAPTER MT052

Used in conjunction with MT021 to connect multitube with 40-45mm tubes.



Manfrotto's Cine line, hallmarked by the AVENGER brand, includes everything you need in a motion picture studio. There you can find a wide range of lighting stands and supports, light modifiers, hooks, booms, articulated arms, pump cup supports, bars, clamps and a large selection of accessories allowing customization of products and set-ups.

Product quality is the hallmark of this range, which can withstand extreme use, rough atmospheric conditions, very high stress and heavy loads. All products have been designed under the supervision of the most demanding film grippers to match the strict quality standards and performance needs of the motion picture industry. Last but not least, the design of our products and the full use of bolts instead of rivets allow quick and simple maintenance.

All AVENGER products in this brochure are highlighted by the **AVENGER** logo, which you will also find on the products themselves.

Contents

STANDS
SCRIMS & FLAGS MOUNTINGS AND SUPPORT SYSTEM
BUTTERFLY MOUNTINGS & SUPPORT SYSTEM
CLAMPS
BOOMS, ARMS, BRACKETS, BARS
PUMP CUP AND WALL PLATES

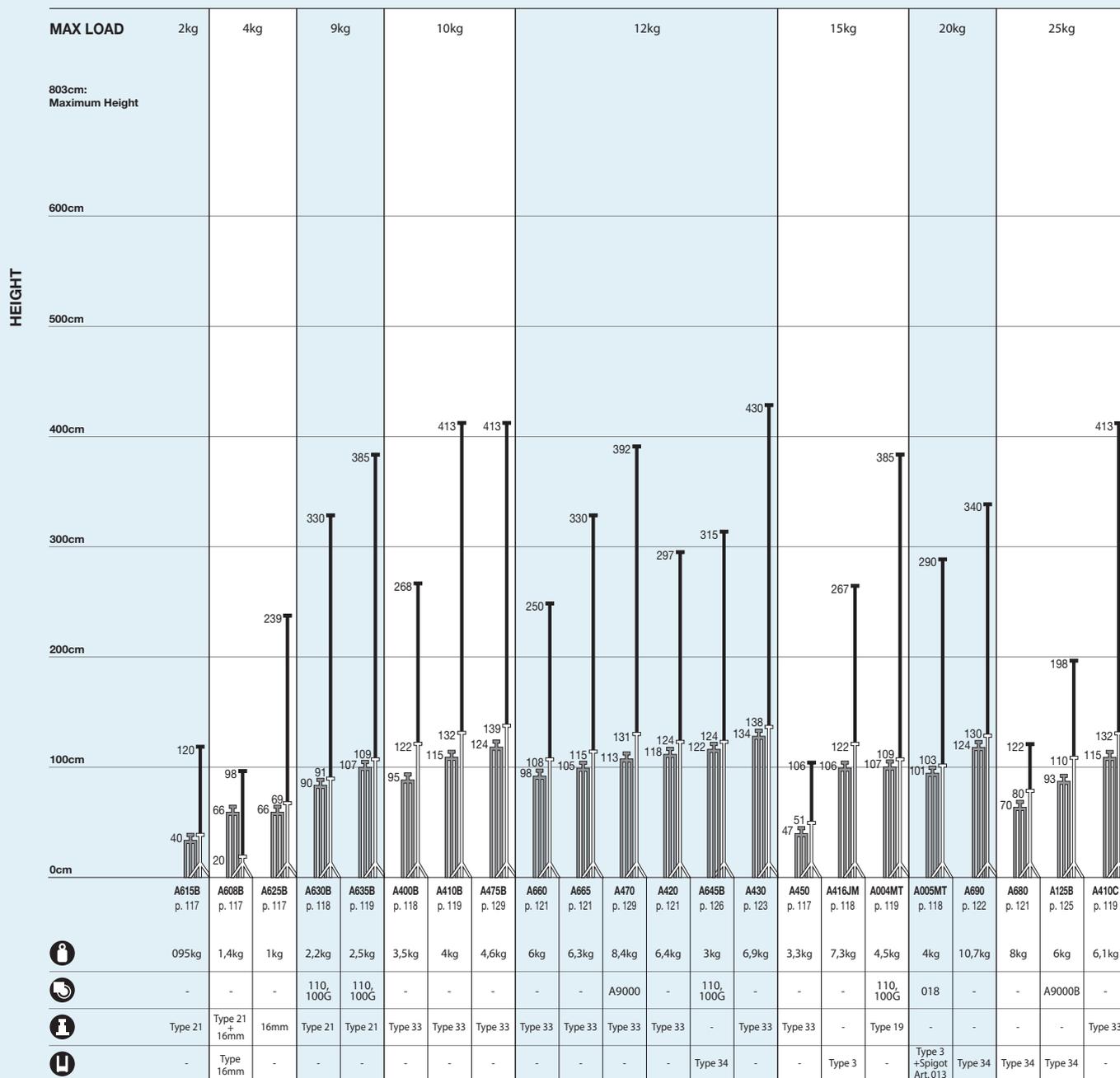


The Avenger stand range includes several product families, featuring different designs and materials depending both on the applications they are intended for and on the light type they have to support. These supports have been designed for to be both safe and reliable. For that reason, all materials are top quality and are tested in order to withstand extreme uses in rough weather conditions. Assembly is made either with bolts – instead of rivets – for allowing quick and easy maintenance, or by welding or broaching, in order to ensure maximum operating reliability. These technical solutions make these stands unique and prevent the column sections from coming out, the knobs from getting lost and allow for quick leveling of the legs. The existing versions allow for extensions between 40cm and 610cm, with payloads between 2kg and 100kg.

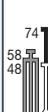
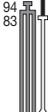
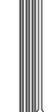
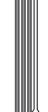
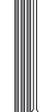
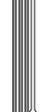
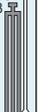
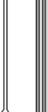
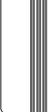
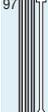
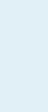
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Manfrotto's range of stands consists of different product families which differ in design and materials depending both on the applications for which they are intended and on the type of light they support.

To make reference to this section as easy and as useful as possible we have grouped the stands by load capacity: by knowing the weight of the light for which you need a stand you will be able to choose the one that match you needs from the different versions.



- Closed Length
- Minimum Height
- Maximum Height
- Weight
- Suggested Wheels
- Spigot Size
- Socket Size

30kg			35kg	40kg			45kg	70kg			80kg	90kg	100kg											
																								
58, 74, 83	94	116, 134	158, 143	167, 188, 201	181, 175, 153	296	198	134, 130	131	153, 158	146, 142	143	167	173, 153	184, 153	185, 155	172	190, 225	154, 192	196, 172	174, 136	186, 155	122, 97	165
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3,7kg	5,9kg	7,5kg	6,2kg	6,9kg	15kg	24kg	17,8kg	7,8kg	13,6kg	8,3kg	11kg	15,4kg	12,2kg	19kg	41kg	60kg	62kg	71kg	52kg	39kg	42kg	64kg	30kg	
A9000	A9000	110, 100G	A9000B	A9000B	A9000	-	-	A9000	-	109, 110, 100G	A9000	-	A9000	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Type 34	Type 14	Type 14	Type 34	Type 34	Type 14	Type 34	Type 34	Type 34	Type 14	28mm	28mm	28mm	28mm	28mm	28mm	28mm	28mm	28mm						



Aluminium versions
Electric welded aluminum tubing for higher mechanical performance and reduced weight.

Steel versions
Chrome-plated steel tubing.
This surface finishing lasts longer, prevents oxidation and gives the product a polished look.



Double braced legs for extra stability, resistance and safety.



Top spigot available with 3/8", 5/8" screw thread or type 3.

Spigot is broached inside aluminum tube for resistance and robustness.

Spigot is welded inside steel tube for maximum mechanical performance.



Parts made by die cast aluminium to ensure longer lasting mechanical performance and extension linearity of column.

Anti-extraction collars.

Captive lock offs thread into rust free steel inserts.

Excellent protection against corrosion and wear is ensured by aluminum anodization.



Assembled using bolts instead of rivets for simpler maintenance.



**BACKLITE STAND
H.D. A608B**

-  20cm
-  98cm
-  66cm
-  68cm
-  1,4kg
-  4kg
-  Base 16mm
-  Pole type 21 + 16mm

Black steel legs and aluminium riser.
2 sections, 1 riser.
Ø: 25, 20mm. Leg Ø: 16mm.

AVENGER



MIGHTY BABY STAND A450

-  51cm
-  106cm
-  47cm
-  44cm
-  3,30kg
-  15kg
-  2kg@106cm
-  Type 33

Chrome steel stand. 3 sections, 2 risers.
Ø: 35, 30, 25mm. Leg: 20 x 20mm.
1 levelling leg.

AVENGER



MINI KIT STAND A615B

-  40cm
-  120cm
-  40cm
-  45cm
-  0,95kg
-  2kg
-  Type 21

Black steel legs and aluminium risers.
4 sections, 3 risers. Ø: 25, 22, 19, 16mm.
Leg Ø: 16mm.

AVENGER



MIDI KIT STAND A625B

-  69cm
-  239cm
-  66cm
-  94cm
-  1kg
-  4kg
-  16mm

Aluminium stand.
4 sections, 3 risers. Ø: 25, 22, 19, 16mm.
Leg Ø: 19mm.

AVENGER

**BABY J STAND
A416JM**



122cm 267cm 106cm 116cm 7kg



15kg 9kg@267cm Type 3

Chrome steel stand.
3 sections, 2 risers.
Ø: 35, 30, 25mm.
Leg: 20 x 20mm.



**ALU-BABY STAND
A400B**



112cm 268cm 95cm 129cm 3,5kg



10kg 8kg@268cm Type 33

Black aluminium stand.
3 sections, 2 risers.
Ø: 35, 30, 25mm.
Leg: 20 x 20mm.
1 levelling leg.



**RANKER STAND
A005MT**



103cm 290cm 101cm 109cm 4kg



20kg 6kg@290cm 018 Type 3 + Spigot Art.013

Zinc steel stand.
3 sections, 2 risers.
Ø: 35, 30, 25mm.
Leg Ø: 22mm.



**MIDI-MAX KIT STAND
A630B**



91cm 330cm 90cm 96cm 2,2kg



9kg 1,8kg@330cm Type 21 110-110G

Black aluminium stand.
4 sections, 3 risers.
Ø: 35, 30, 25, 20mm.
Leg Ø: 22mm.
This stand features captive lock-off T-knobs, high efficiency, brake shoe locking risers and anodised black coating.



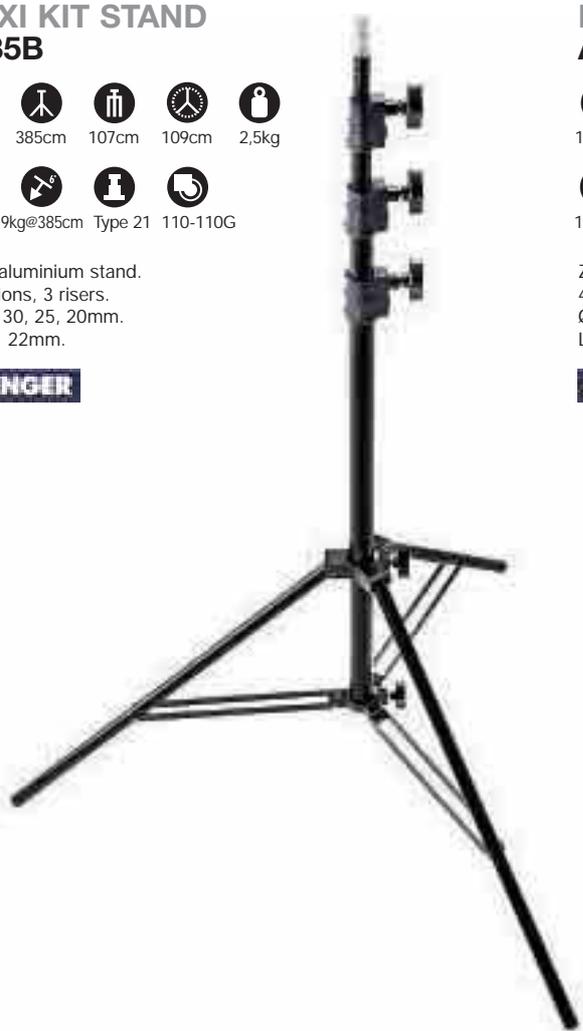
MAXI KIT STAND A635B

 109cm
  385cm
  107cm
  109cm
  2,5kg

 9kg
  0,9kg@385cm
  Type 21
  110-110G

Black aluminium stand.
4 sections, 3 risers.
Ø: 35, 30, 25, 20mm.
Leg Ø: 22mm.

AVENGER



MASTER STAND A004MT

 109cm
  385cm
  107cm
  109cm
  4,5kg

 15kg
  2,7kg@385cm
  Type 19
  018

Zinc steel stand.
4 sections, 3 risers.
Ø: 35, 30, 25, 20mm.
Leg Ø: 22mm.

AVENGER



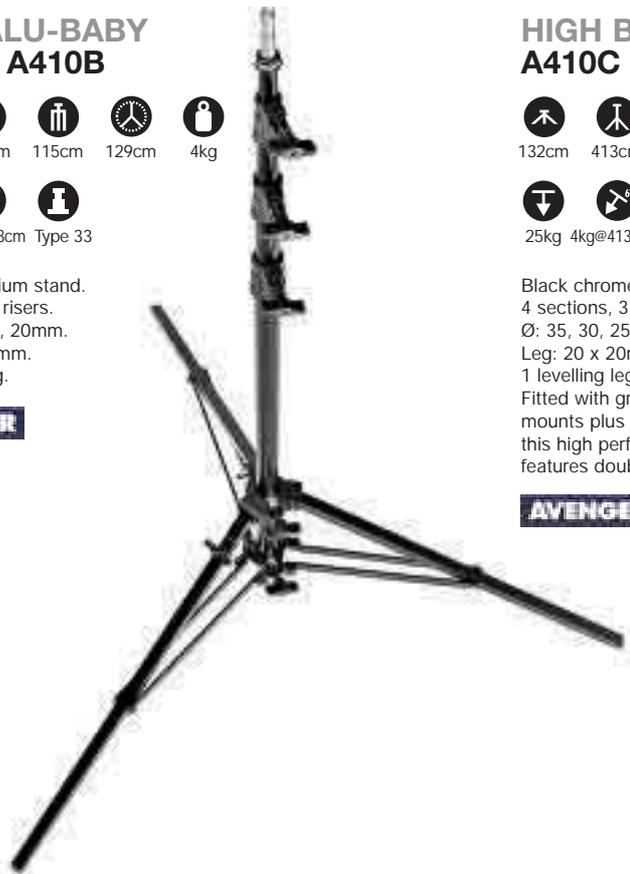
HIGH ALU-BABY STAND A410B

 132cm
  413cm
  115cm
  129cm
  4kg

 10kg
  2kg@413cm
  Type 33

Black aluminium stand.
4 sections, 3 risers.
Ø: 35, 30, 25, 20mm.
Leg: 20 x 20mm.
1 levelling leg.

AVENGER



HIGH BABY STAND A410C

 132cm
  413cm
  115cm
  129cm
  6,1kg

 25kg
  4kg@413cm
  Type 33

Black chrome steel stand.
4 sections, 3 risers.
Ø: 35, 30, 25, 20mm.
Leg: 20 x 20mm.
1 levelling leg.
Fitted with grip truck
mounts plus square legs,
this high performance stand
features double bracing.

AVENGER





28mm socket plus either 16mm socket or pop – up 16mm stud.



16mm stand top attachment.

Parts made by die cast aluminum to ensure longer lasting mechanical performance and extension linearity of column.

Anti-extraction collars.

Captive lock offs thread into rust free steel

Chrome-plated steel tubing: this surface finishing lasts longer, prevents oxidation and gives the product a polished look.



Assembled using bolts instead of rivets for simpler maintenance.



Low profile for easy positioning in the studio.



Double braced legs for extra stability, resistance and safety.



All stands are equipped with free running wheels and brake locks.



Quick action folding legs.

LOWBOY JUNIOR FOLDING BASE STUDIO STAND A680

-  80cm
-  122cm
-  70cm
-  75cm
-  8kg

-  25kg
-  3,5kg@122cm
-  Type 34

Legs and column in steel, risers in aluminium, complete with wheels. 3 sections, 2 risers. Ø: 45, 40, 35mm. 1 levelling leg.

AVENGER



BABY FOLDING BASE STUDIO STAND A660

-  108cm
-  250cm
-  98cm
-  75cm
-  6kg

-  12kg
-  2,3kg@250cm
-  Type 33

Legs and column in steel, risers in aluminium, complete with wheels. 3 sections, 2 risers. Ø: 35, 30, 25mm. 1 levelling leg.

AVENGER



BABY ROLLER STAND A420

-  124cm
-  297cm
-  118cm
-  106cm
-  6,4kg

-  12kg
-  5kg@297cm
-  Type 33

Legs and column in steel, risers in aluminium, complete with wheels. 3 sections, 2 risers. Ø: 35, 30, 25mm. Leg: 20 x 20mm.

AVENGER



HIGH BABY FOLDING BASE STUDIO STAND A665

-  115cm
-  330cm
-  105cm
-  75cm
-  6,3kg

-  12kg
-  1,8kg@330cm
-  Type 33

Legs and column in steel, risers in aluminium, complete with wheels. 4 sections, 3 risers. Ø: 35, 30, 25, 20mm. 1 levelling leg.

AVENGER



HIGH JUNIOR FOLDING BASE STUDIO STAND A690



130cm 340cm 124cm 100cm 10,7kg



20kg 3kg@340cm Type 34

Legs and column in steel,
risers in aluminium, complete with wheels.
5 sections, 4 risers.
Ø: 45, 40, 35, 30mm.
1 levelling leg.



JUNIOR ROLLER STAND A510



134cm 360cm 130cm 129cm 13,6kg



40kg 7kg@360cm Type 34

Chrome steel stand,
complete with wheels.
3 sections, 2 risers.
Ø: 45, 40, 35mm.
Leg: 25 x 25mm.



HIGH JUNIOR ROLLER STAND A500



146cm 428cm 142cm 129cm 15,4kg



40kg 5,5kg@428cm Type 34

Chrome steel stand, complete with wheels.
4 sections, 3 risers.
Ø: 45, 40, 35, 30mm.
Leg: 25 x 25mm.

AVENGER



HIGH BABY ROLLER STAND A430



138cm 430cm 134cm 106cm 6,9kg



12kg 1kg@430cm Type 33

Legs and column in steel, risers in aluminium,
complete with wheels.
4 sections, 3 risers.
Ø: 35, 30, 25, 20mm.
Leg: 20 x 20mm.

AVENGER



28mm (or 16mm) die cast aluminum socket and 16mm stud.

Aluminium version
Electric welded aluminum tubing for higher mechanical performance and reduced weight.

Steel version
Chrome-plated steel tubing.
This surface finishing lasts longer, prevents oxidation and gives the product a polished look.

Excellent protection against corrosion and wear is ensured by aluminum anodization.



All versions have levelling leg for better stability.

Shock-resistant square section tubing.



All stands in this series can be equipped with wheels (including types with brakes).



All knobs are made of aluminum and threads are riveted for preventing losses.



Parts made by die cast aluminum to ensure longer lasting mechanical performance and extension linearity of column.

Anti-extraction collars.

Captive lock offs thread into rust free steel.



Assembled using bolts instead of rivets for simpler maintenance.



Storage pin.

Double braced legs for extra stability, resistance and safety.



MINI LOW COMBO A128

-
-
-
-
-
- 48cm
- 74cm
- 58cm
- 60cm
- 3,7kg
-
-
-
-
-
- 30kg
- Type 34
- A9000

Chrome steel stand with aluminum riser.
2 sections, 1 riser. Ø: 35, 30mm.
Leg: 20 x 20mm. 1 levelling leg.



MINI LOW COMBO STAND A122

-
-
-
-
-
- 94cm
- 141cm
- 83cm
- 80cm
- 5,9kg
-
-
-
-
-
- 30kg
- 10kg@141cm
- Type 34
- A9000

Legs and column in steel.
Riser in aluminium.
2 sections, 1 riser. Ø: 45, 40mm.
Leg: 25 x 25mm. 1 levelling leg.



BLACK LOW ALU COMBO STAND A125B

-
-
-
-
-
- 110cm
- 198cm
- 93cm
- 80cm
- 6kg
-
-
-
-
-
- 25kg
- 3kg@198cm
- Type 34
- A9000B

Aluminium legs with aluminium risers.
3 sections, 2 risers. Ø: 45, 40, 35mm.
Leg: 25 x 25mm. 1 levelling leg.



LOW COMBO STAND A120

-
-
-
-
-
- 101cm
- 198cm
- 93cm
- 80cm
- 7,8kg
-
-
-
-
-
- 35kg
- 3kg@198cm
- Type 34
- A9000

Chrome steel stand.
3 sections, 2 risers. Ø: 45, 40, 35mm.
Leg: 25 x 25mm. 1 levelling leg.



CINE COMBO STAND A650

118cm 220cm 116cm 118cm 7,5kg

30kg 7kg@220cm Type 34 110-110G

Chrome steel stand.
2 sections, 1 riser. Ø: 35, 30mm.
Leg Ø: 22mm. 1 levelling leg.

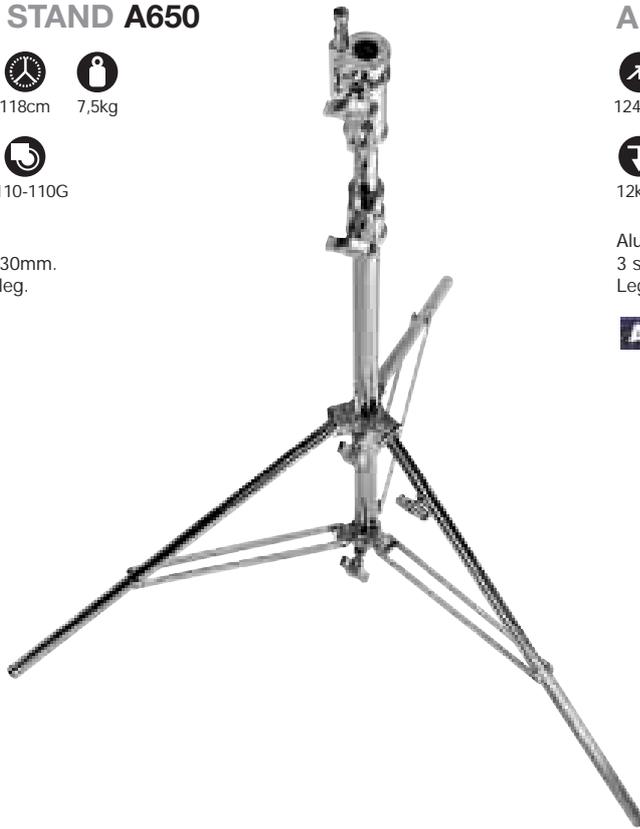


ALU-CINE COMBO STAND A645B

124cm 315cm 122cm 118cm 3kg

12kg 4,5kg@315cm Type 34 110-110G

Aluminium legs with aluminium risers.
3 sections, 2 risers. Ø: 35, 30, 25mm.
Leg Ø: 22mm. 1 levelling leg.



COMBO STAND A110

158cm 325cm 134cm 135cm 11kg

40kg 15kg@325cm Type 34 A9000

Chrome steel stand.
3 sections, 2 risers. Ø: 45, 40, 35mm.
Leg: 25 x 25mm. 1 levelling leg.



BLACK ALU-COMBO STAND A115B

158cm 325cm 134cm 135cm 6,2kg

30kg 7kg@325cm Type 34 A9000B

Aluminium legs with aluminium risers.
3 sections, 2 risers. Ø: 45, 40, 35mm.
Leg: 25 x 25mm. 1 levelling leg.



BLACK HEAVY DUTY STAND A626BU

-  153cm
-  330cm
-  131cm
-  126cm
-  8,3kg

-  40kg
-  3kg@330cm
-  Type 14
-  109,110,110G

Black zinc plated stand.
3 sections, 2 risers. Ø: 40, 35, 30mm.
Leg Ø: 22mm. 1 levelling leg.

AVENGER



HIGH COMBO STAND A100

-  167cm
-  408cm
-  143cm
-  135cm
-  12,2kg

-  40kg
-  7kg@408cm
-  Type 34
-  A9000

Chrome steel stand.
4 sections, 3 risers. Ø: 45, 40, 35, 30mm.
Leg: 25 x 25mm. 1 levelling leg.

AVENGER

BLACK ALU-COMBO STAND A105B

-  167cm
-  408cm
-  143cm
-  135cm
-  6,9kg

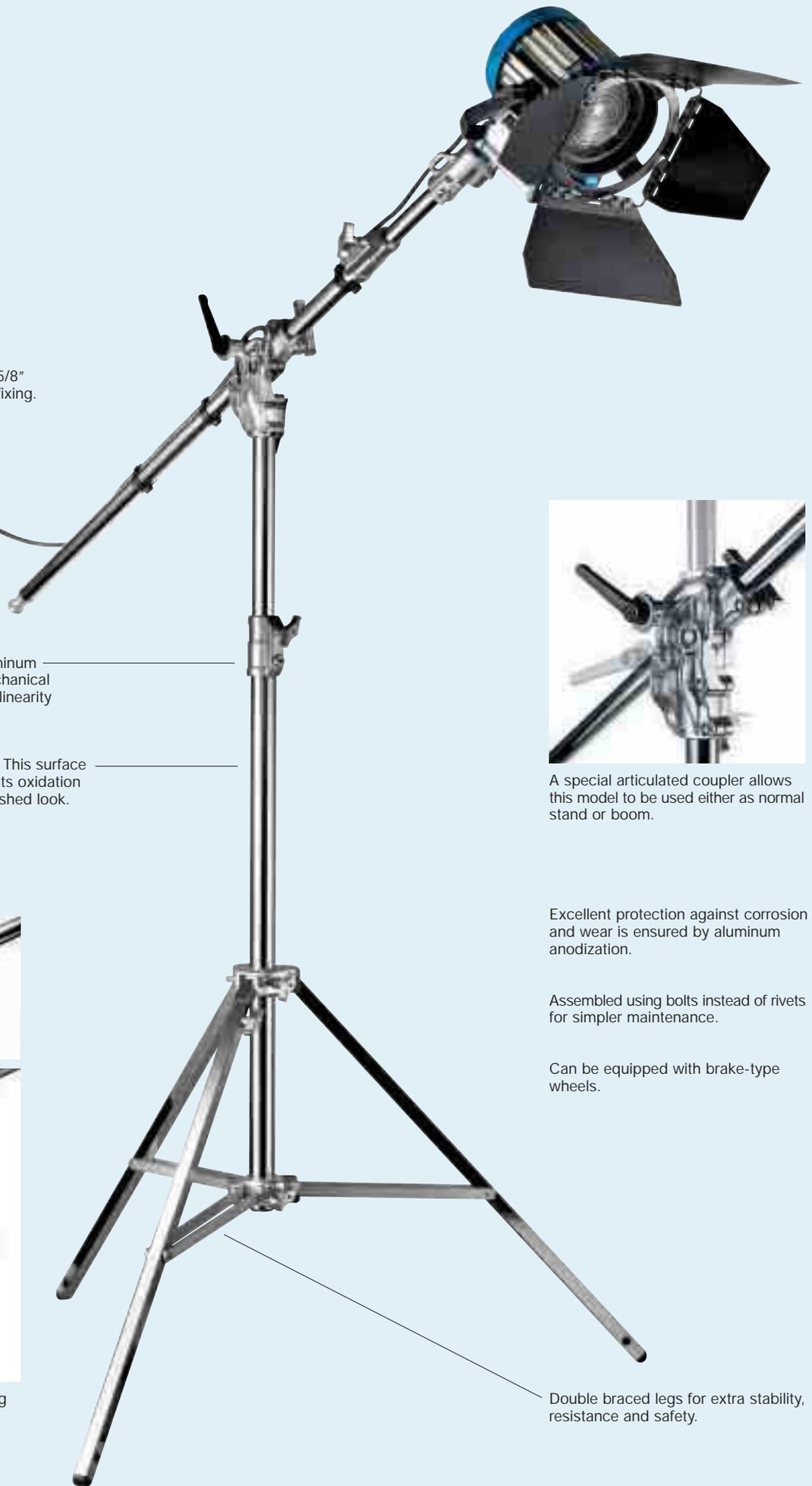
-  30kg
-  2,5kg@408cm
-  Type 34
-  A9000B

Aluminium legs with aluminium risers.
4 sections, 3 risers. Ø: 45, 40, 35, 30mm.
Leg: 25 x 25mm. 1 levelling leg.

AVENGER



Top spigot is available with 5/8" male or 1" and 1/8" female fixing.



Parts made by die cast aluminum to ensure longer lasting mechanical performance and extension linearity of column.

Chrome-plated steel tubing. This surface finishing lasts longer, prevents oxidation and gives the product a polished look.



A special articulated coupler allows this model to be used either as normal stand or boom.

Excellent protection against corrosion and wear is ensured by aluminum anodization.

Assembled using bolts instead of rivets for simpler maintenance.

Can be equipped with brake-type wheels.



Balancing weight or sandbag counterweight available.

Double braced legs for extra stability, resistance and safety.

BABY STEEL COMBI-BOOM STAND A470

- 131cm
- 392cm
- 113cm
- 109cm
- 8,4kg

- 12kg
- 3kg@392cm
- Type 33
- A9000

Chrome steel stand.
4 sections, 3 risers. Ø: 35, 30, 25, 20mm.
Leg: 20 x 20mm. 1 levelling leg.



COMBO BOOM STAND A700

- 188cm
- 500cm
- 165cm
- 135cm
- 15kg

- 30kg
- 4kg@500cm
- Type 34
- A9000

Chrome steel stand. 4 sections, 3 risers.
Ø: 45, 40, 35, 30mm. Leg: 25 x 25mm. 1 levelling leg.
Min extension boom 155cm. Max load 30kg.
Max extension boom 266cm. Max load 8kg.



BABY COMBI-BOOM STAND A475B

- 139cm
- 413cm
- 124cm
- 129cm
- 4,6kg

- 10kg
- 2,5kg@413cm
- Type 33

Supplied with sandbag counterweight (empty) for maximum stability and smoothness. Black aluminium stand.
4 sections, 3 risers. Ø: 35, 30, 25, 20mm.
Leg: 20 x 20mm. 1 levelling leg.
Min extension boom 113cm. Max load 15kg.
Max extension boom 213cm. Max load 5kg.



BABY DROP DOWN PIN E700

- 0,62kg
- 16mm
- 16mm



For a more accurate light positioning: it helps keeping the light in horizontal position independently on the angle of the boom. Specifically designed to be used on boom arm with light attachment with 16 mm pin (e.g., D600).



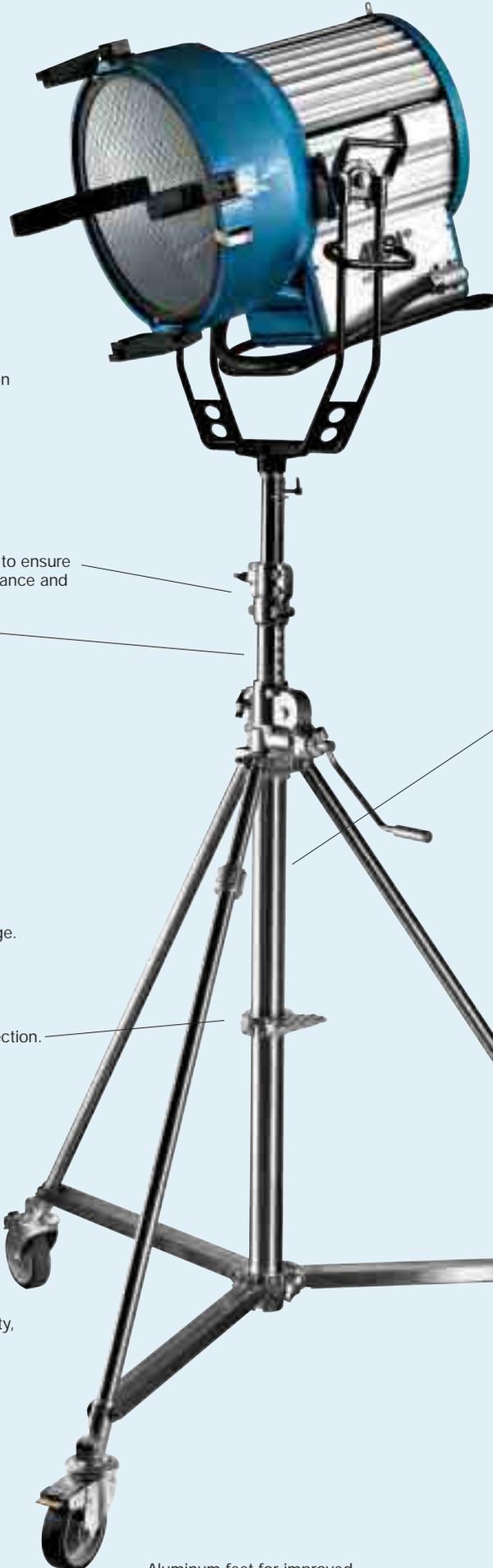
JUNIOR DROP DOWN PIN E710

- 1,32kg
- Type 35
- Type 34



Same as E700, designed to be used on boom arm with light attachment with 28 mm bushing (e.g., D650 or A700).





All components inside transmission box are made of carbon-nitrided casehardened steel for improving wear resistance.

Cable transmission is fully inside sections.

Parts made by die cast aluminum to ensure longer lasting mechanical performance and extension linearity of column.

Third internal safety cable.



Fold away crank handle for reducing protrusions during storage.

Zinc-plated steel crank handle.

Footrest for easy access to top section.



Double braced legs or reinforced single braced legs for extra stability, resistance and safety.



Free running wheels and braked wheels available.

Aluminum feet for improved stability and longer durability.



28mm socket.



28mm (or 16mm) socket or 5/8" + 3/8" stud.

Chilled top fixing for extra performance.

Chrome-plated steel tubing. This surface finishing lasts longer, prevents oxidation and gives the product a polished look.

Simultaneous extension and retraction of all sections.



Assembled using bolts instead of rivets for simpler maintenance.



All models feature leveling leg.



2 SCT WIND-UP STAND WITH BRAKED WHEELS B205

153cm 261cm 173cm 152cm 19kg

45kg 13kg@261cm Type 14

Chrome steel stand.
2 sections, 1 riser.
Ø: 55, 45mm.
Leg Ø: 30mm.
1 levelling leg.

AVENGER



SUPER WIND-UP STAINLESS STEEL STAND WITH BRAKED WHEELS B250X

-  172cm
-  386cm
-  196cm
-  180cm
-  39kg
-  80kg
-  65kg@386cm
-  28mm

Heavy lift stand with strenghtened stainless steel column and legs, chrome steel risers and geared column.
 3 section Ø: 70, 60, 50mm.
 2 risers which extended simultaneously at 4.4cm per handle turn.
 Safety cable ensures simultaneous retrieval of all sections.
 Rapid adjustment. Leg Ø 35mm. 1 levelling leg.
 PATENTED
 Complete with braked wheels.



WIND-UP STAND WITH BRAKED WHEELS B200

-  181cm
-  390cm
-  201cm
-  142cm
-  24kg

-  30kg
-  9kg@390cm
-  Type 14

Chrome steel stand.
 3 sections, 2 risers.
 Ø: 55, 45, 38mm.
 Leg Ø: 30mm.
 1 levelling leg.

AVENGER



SHORT WIND-UP STAND WITH BRAKED WHEELS B201

-  153cm
-  296cm
-  175cm
-  142cm
-  17,8kg

-  30kg
-  10kg@296cm
-  Type 14
-  A9000

Chrome steel stand.
 3 sections, 2 risers.
 Ø: 55, 45, 38mm.
 Leg Ø: 30mm.
 1 levelling leg.

AVENGER





LONG STEEL STAND EXTENSION C626



1,89kg Top type 34 Bottom type 35

Chrome lenght plated steel extension. Lenght 52cm.

AVENGER



MEDIUM STEEL STAND EXTENSION C624



1,72kg Top type 34 Bottom type 35

Chrome lenght plated steel extension. Lenght 39cm.

AVENGER



SMALL STEEL STAND EXTENSION C622



1,59kg Top type 34 Bottom type 35

Chrome lenght plated steel extension. Lenght 28cm.

AVENGER



CONKA BONKA C590

Set of 3 Cine extensions.

Big version:

Extension: 675mm – Total length: 790mm – Weight: 1,75kg

Medium version:

Extension: 270mm – Total length: 385mm – Weight: 1,25kg

Small version:

Extension: 150mm – Total length: 265mm – Weight: 1,09kg

Working height up to 610cm.

Long-extension versions can replace towers for lighting or loudspeakers.

Double safety mechanism with rack direct transmission and secondary safety lock in each section, with neither pulley nor cables.

No drag adjustment needed.

Anti-fall safety drag.



Parts made by die cast aluminum to ensure longer lasting mechanical performance and extension linearity of column, all components inside transmission box are made via precision casting.

Chrome-plated steel tubing. This surface finishing lasts longer, prevents oxidation and gives the product a polished look.



Detachable steel crank handle with top spider housing.



28mm socket. Windbracing lugs included.



Assembled using bolts instead of rivets for simpler maintenance.



Steel or aluminum square section single braces on legs for maximum stability, resistance and safety.



Handle on lower spider for easier folding of base.

Standard version features braked rubber wheels. More wheels and feet available, including tire-equipped wheels.

Patented technology keeps wheels vertical even when the stand is closed, for ease of movement.

STRATO SAFE STAND SHORT BASE WITH BRAKED WHEELS B105N



105cm 175cm 126cm 120cm 27kg



100kg 95kg@175cm 28mm

Aluminium legs with chrome steel column.
Complete with braked wheels.
2 sections, 1 riser.
Ø: 70, 60mm.
Leg: 35 x 35mm.

AVENGER





2 SECTION STRATO SAFE STAND WITH BRAKED WHEELS B120

-  136cm
-  222cm
-  174cm
-  213cm
-  42kg

-  90kg
-  90kg@222cm
-  28mm
- 

Chrome steel stand complete with braked wheels.
 2 sections, 1 riser.
 Ø: 90, 80mm.
 Leg: 35 x 35mm.



3 SECTION STRATO SAFE STAND WITH BRAKED WHEELS B130 Not illustrated

-  154cm
-  338cm
-  192cm
-  213cm
-  52kg

-  80kg
-  80kg@338cm
-  28mm
- 

Chrome steel stand complete with braked wheels.
 3 sections, 2 risers.
 Ø: 90, 80, 70mm.
 Leg: 35 x 35mm.
 Included Wind Brace Kit code B9000W.



STRATO SAFE SHORT BASE STAND WITH BRAKED WHEELS B100

 153cm
  345cm
  184cm
  182cm
  41kg

 70kg
  70kg@345cm
  28mm
  GC

Aluminium legs with chrome steel columns.
 Complete with braked wheels.
 3 sections, 2 risers.
 Ø: 70, 60, 50mm.
 Leg: 35 x 35mm.

AVENGER



SAFE CRANK STAND B300P

 155cm
  350cm
  186cm
  182cm
  64kg

 90kg
  70kg@350cm
  28mm

Chrome steel stand complete with braked wheels.
 3 sections, 2 risers.
 Ø: 90, 80, 70mm.
 Leg: 35 x 35mm.

AVENGER

FLAT JUMPER STRATO SAFE STAND WITH BRAKED WHEELS B140XL

 155cm
  427cm
  185cm
  182cm
  60kg

 70kg
  35kg@427cm
  28mm
  GC

Chrome steel stand complete with braked wheels.
 4 sections, 3 risers.
 Ø: 90, 80, 70, 60mm.
 Leg: 35 x 35mm.

AVENGER



4 SECTION STRATO SAFE STAND WITH BRAKED WHEELS B140 Not illustrated

 172cm
  467cm
  209cm
  213cm
  62kg

 70kg
  70kg@467cm
  28mm
  GC

Chrome steel stand complete with braked wheels.
 3 sections, 2 risers.
 Ø: 90, 80, 70mm.
 Leg: 35 x 35mm.
 Included Wind Brace Kit code B9000W.

AVENGER



5 SECTION STRATO SAFE STAND WITH BRAKED WHEELS B150

 190cm
  610cm
  225cm
  213cm
  71kg

 70kg
  70kg@610cm
  28mm
  GC

Chrome steel stand, complete with braked wheels.
 5 sections, 4 risers.
 Ø: 90, 80, 70, 60, 50mm.
 Leg: 35 x 35mm.
 Includes Wind Brace Kit code B9000W.

AVENGER



EXTENSION KIT B199

With the B199 kit you can convert a 2 section Strato Safe stand (Code B120) into a 3 section stand (Code B130).

AVENGER**EXTENSION KIT B198** Not illustrated

With the B198 kit you can convert a 3 section Strato Safe stand (Code B130) into a 4 section stand (Code B140).

AVENGER**EXTENSION KIT B197** Not illustrated

With the B197 kit you can convert a 4 section Strato Safe stand (Code B140) into a 5 section stand (Code B150).

AVENGER**PNEUMATIC WHEELS B9000PS**

300kg

Set of 3 inflatable pneumatic wheels for Strato Safe stands. Complete with double brake mechanism that can lock wheel and pivot separately. Pivoting mechanism has 6 locking positions.

AVENGER**PNEUMATIC WHEELS B9000P**

250kg

Set of 3 pneumatic wheels for Strato Safe stands. Supplied with double brake mechanism that can lock wheel and pivot separately. Pivoting mechanism has 12 locking positions.

AVENGER**REDUCTION KIT B143**

With the B143 kit you can convert a 5 section Strato Safe stand (Code B150) into a 4 section stand (Code B140).

AVENGER**REDUCTION KIT B144** Not illustrated

With the B144 kit you can convert a 4 section Strato Safe stand (Code B140) into a 3 section stand (Code B130).

AVENGER**REDUCTION KIT B145** Not illustrated

With the B145 kit you can convert a 3 section Strato Safe stand (Code B130) into a 2 section stand (Code B120).

AVENGER**LEVELLING JACKS B9000J**

Set of 3 levelling jacks allows you to place stands on non horizontal surfaces.

AVENGER**WIND-BRACING KIT 087WBK**

3 rope wind-bracing kit. Length: 10m. Not supplied with the stand.

**RATCHET HANDLE B9005R**

Standard handle for all Strato Safe stands.

AVENGER**FIXED HANDLE B9005F**

Optional handle.

AVENGER



28mm Spigot Slot + Joining Holes for Extra Support.

Teflon Coated Sliding Guides.

Triple-Steel Wire Ropes.



Transportation Handle.



Polyester Belt.

Professional Winch.

Belt Protection Carter.

Column & Legs Coated in Scratch-Resistant Paint.

Slots for Safety Pin.

Protective Bellows.

Adjustable Stabilizers.

Collapsible Legs.

Rubber-Coated Shock-Absorbing Base Supports.

WINCHER STAND 317-6



190cm



585cm



190cm



220cm



58kg



180kg



180kg@585cm



28mm

The first 4-stage, telescopic and compact lifter made entirely in aluminium.

Not only is there a weight reduction but also a saving in the overall dimensions for transportation whilst maintaining all the performance features of steel models. The purpose designed aluminium column extensions run smoothly on Teflon coated guides.

The winch mechanism is designed for loads up to 500kg and lifts the first column by means of a polyester belt providing a smooth and uniform performance;

the additional columns are each lifted by two steel wire ropes. The support legs can be independently adjusted to ensure the Wincher is vertical even on irregular surfaces.

Two wheels assist transportation.

The Wincher series is designed to lift lighting fixtures, speakers, aluminium trusses etc. safely.



TUV GS
PROBETRIEB





You can find EVERYTHING you need for controlling lighting beams by means of Scrims, Flags, Dots & Fingers, from the famous C-Stand to the GRIP HEAD system. The latter is designed with special arms and heads for positioning your scrim or flag exactly where you need it, even in the most difficult circumstances.

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The Avenger Century stand is unlike any other. Fitted with captive handles that do not vibrate free; utilizing a new lightweight steel making them up to 1kg lighter but just as strong; triple chrome plating resistant to corrosion; collar castings that protect fingers; field serviceable parts; all these features make this stand the best on the market.

20", 30", 40" and 60" stands - with loads up to 10kg.

Fold away, spring loaded legs with unique mounts which are easy to replace.

Deep inset plastic feet that do not come off in use.

High quality finish resists all weather conditions.

Detachable base stand - also available as turtle base only.

Captive "T" handles.

20" MINI BASE CENTURY STAND

A280S

- 84cm
- 175cm
- 84cm
- 75cm
- 4kg
- 7kg
- 1kg@175cm
- Type 33

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

20" MINI BASE CENTURY STAND

BLACK A280SB Not illustrated

Black steel legs and aluminium risers.
Weight: 2.9kg. DIN15560: 0.4kg@175cm.

20" CENTURY STAND

A255S Not illustrated

- 84cm
- 175cm
- 84cm
- 95cm
- 4,3kg
- 8kg
- 8kg@175cm
- Type 33

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

20" CENTURY STAND BLACK

A255SB Not illustrated

Black steel legs and aluminium risers.
Weight: 3kg. DIN15560: 4kg@175cm.

30" CENTURY STAND

A235S Not illustrated

- 110cm
- 253cm
- 110cm
- 95cm
- 4,8kg
- 10kg
- 2kg@253cm
- Type 33

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

30" CENTURY STAND BLACK

A235SB Not illustrated

Black steel legs and aluminium risers.
Weight: 3,3kg. DIN15560: 0,8kg@253cm.

40" CENTURY STAND

A205S Not illustrated

- 134cm
- 328cm
- 134cm
- 95cm
- 5,5kg
- 10kg
- 0,5kg@328cm
- Type 33

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

40" CENTURY STAND BLACK

A205SB Not illustrated

Black steel legs and aluminium risers.
Weight: 4kg. DIN15560: 0,2kg@328cm.

60" CENTURY STAND

A208S Not illustrated

- 185cm
- 428cm
- 185cm
- 95cm
- 6,8kg
- 10kg
- Type 33

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

60" CENTURY STAND BLACK

A208SB Not illustrated

Black steel legs and aluminium risers.
Weight: 5,1kg.



The innovative design on the Century stand base allows individual legs to be set at any angle, and can be positioned in locations not possible for classic stands.



Important! Counterweight sandbags must always be used on the legs to ensure safe, stable operation even at fullheight extension.

AVENGER



AVENGER

20" SLIDING LEG CENTURY STAND A256S **CB J** Not illustrated

-  84cm
-  175cm
-  84cm
-  95cm
-  4,3kg
-  8kg
-  8kg@175cm
-  Type 33

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

20" SLIDING LEG CENTURY STAND BLACK A256SB **J** Not illustrated

Black steel legs and aluminium risers.
Weight: 3kg. DIN15560: 4kg@175cm.

30" SLIDING LEG CENTURY STAND A245S **CB J** Not illustrated

-  110cm
-  253cm
-  110cm
-  95cm
-  5,8kg
-  10kg
-  2kg@253cm
-  Type 33

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

30" SLIDING LEG CENTURY STAND BLACK A245SB **J** Not illustrated

Black steel legs and aluminium risers.
Weight: 3,3kg. DIN15560: 0,8kg@253cm.

40" SLIDING LEG CENTURY STAND A215S **CB J** Not illustrated

-  134cm
-  328cm
-  134cm
-  95cm
-  5,5kg
-  10kg
-  0,5kg@328cm
-  Type 33

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

40" SLIDING LEG CENTURY STAND BLACK A215SB **J** Not illustrated

Black steel legs and aluminium risers.
Weight: 4kg. DIN15560: 0,2kg@328cm.

60" SLIDING LEG CENTURY STAND A218S **CB J** Not illustrated

-  185cm
-  482cm
-  185cm
-  95cm
-  6,8kg
-  10kg
-  Type 33

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

60" SLIDING LEG CENTURY STAND BLACK A218SB **J** Not illustrated

Black steel legs and aluminium risers.
Weight: 5,1kg.

20" MINI BASE SLIDING LEG CENTURY STAND A285S **CB J**

-  84cm
-  175cm
-  84cm
-  75cm
-  4kg
-  7kg
-  1kg@175cm
-  Type 33

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

20" MINI BASE SLIDING LEG CENTURY STAND BLACK A285SB **J** Not illustrated

Black steel legs and aluminium risers.
Weight: 2.9kg. DIN15560: 0.4kg@175cm.



AVENGER

20" DETACHABLE CENTURY STAND BASE A257S **CB J**

- 84cm
- 155cm
- 84cm
- 95cm
- 5,6kg
- 10kg
- 8kg@155cm
- 28mm
-

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

20" DETACHABLE CENTURY STAND BLACK BASE A257SB **J** Not illustrated

Black steel legs and aluminium risers. Weight: 4,9kg.
DIN15560: 4kg@155cm.

30" DETACHABLE CENTURY STAND BASE A247S **CB J**

- 110cm
- 222cm
- 110cm
- 95cm
- 5,9kg
- 10kg
- 2kg@222cm
- 28mm
-

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

30" DETACHABLE CENTURY STAND BLACK BASE A247SB **J** Not illustrated

Black steel legs and aluminium risers. Weight: 5kg.
DIN15560: 0,8kg@222cm.

40" DETACHABLE CENTURY STAND BASE A225S **CB J**

- 134cm
- 300cm
- 134cm
- 95cm
- 6,2kg
- 10kg
- 0,5kg@300cm
- 28mm
-

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

40" DETACHABLE CENTURY STAND BLACK BASE A225SB **J** Not illustrated

Black steel legs and aluminium risers. Weight: 5kg.
DIN15560: 0,2kg@300cm.

20" MINI DETACHABLE CENTURY STAND BASE A290S **CB J**

- 84cm
- 155cm
- 84cm
- 75cm
- 5,2kg
- 7kg
- 1kg@175cm
- 28mm
-

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

20" MINI DETACHABLE CENTURY STAND BLACK BASE A290SB **J** Not illustrated

Black steel legs and aluminium risers. Weight: 4,6kg.
DIN15560: 0,4kg@155cm.

60" DETACHABLE CENTURY STAND BASE A228S **CB J**

- 185cm
- 454cm
- 185cm
- 95cm
- 7,55kg
- 10kg
- 28mm
-

Chromium plated steel stand.
3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm.

60" DETACHABLE CENTURY STAND BLACK BASE A228SB **J** Not illustrated

Black steel legs and aluminium risers.
Weight: 6,7kg.

20" DOUBLE RISER COLUMN A275S  

-  68cm
-  139cm
-  2,2kg
-  Type 33 + Type 35

3 sections (Ø: 35, 30, 25mm.) chrome steel column.

20" DOUBLE RISER COLUMN BLACK A275SB  Not illustrated

Black aluminium column.
Weight: 1,7kg

30" DOUBLE RISER COLUMN A272S  

-  95cm
-  206cm
-  2,8kg
-  Type 33 + Type 35

3 sections (Ø: 35, 30, 25mm.) chrome steel column.

30" DOUBLE RISER COLUMN BLACK A272SB  Not illustrated

Black aluminium column.
Weight: 1,9kg

40" DOUBLE RISER COLUMN A270S  

-  118cm
-  285cm
-  3,3kg
-  Type 33 + Type 35

3 sections (Ø: 35, 30, 25mm.) chrome steel column.

40" DOUBLE RISER COLUMN BLACK A270SB  Not illustrated

Black aluminium column.
Weight: 2,2kg

60" DOUBLE RISER COLUMN A278S  

-  169cm
-  438cm
-  4,5kg
-  Type 33 + Type 35

3 sections (Ø: 35, 30, 25mm.) chrome steel column.

60" DOUBLE RISER COLUMN BLACK A278SB  Not illustrated

Black aluminium column.
Weight: 2,8kg

AVENGER



SMALL SAND BAG G100

-  6kg

AVENGER (Sand not supplied).

LARGE SAND BAG G200

-  10kg

AVENGER (Sand not supplied).

Turtle Base Century stands offer the most features allowing you to use the base separately as a backlight stand of flexibility of using various sized columns to meet your needs.



TURTLE BASE A265S 

-  27cm
-  95cm
-  3kg
-  28mm

MINI TURTLE BASE A268S  Not illustrated

-  27cm
-  75cm
-  2,7kg
-  28mm

AVENGER

Our Grip Heads have been specifically designed to hold scrims, flags, floppies & cutters mounted on Century stands, or butterfly frames mounted on overhead stands during film, video or photo shoots.

Extension offset arms, used in combination with Grip Heads, provide an extended grip point for scrims, flags and small lights, and are available in two lengths: 20" (51cm) and 40" (102cm).

The Grip Head can be combined with other accessories to solve most light and light modification accessory positioning problems.

Grip Heads are available in two specific diameters, the standard is 2 1/2" (8mm) the Jumbo version is 4 1/2" (10mm).

The 4 1/2" (10mm) version slotted disc accepts round tubes of 10/13/16mm diameter while the square version accept tubes from 5mm to 8mm diameter.

The Jumbo 4" Grip head slotted disc accepts round tubes of 10/13/16/25mm diameter.

All Grip Heads are equipped with special non slip grip pads for secure and precise control.

SNAP-IN GRIP HEAD D210 **B**

 0,63kg

Combining the multi-functional D200 Grip Head with a hex pin to interface with the original Super Clamp. The D210 allows you to hang flags and scrims in positions that light stands can't reach.

AVENGER



2 1/2" GRIP HEAD D200 **B**

 0,55kg  16mm

Avenger's most popular grip accessory. The D200 Grip Head has hundreds of functions. Unlike any other grip head, the D200 utilizes a series of washers for extra locking torque and the use of automotive-quality brake pad discs for secure, non-slip security.

AVENGER



SUPER CLAMP GRIP HEAD D230

 0,95kg

Like the D210, this kit includes the D200 Grip Head and the Avenger C1575B Super Clamp.

AVENGER



GRIP HELPER D220 **B**

 1,1kg  Type33

Just as the name suggests, the Grip Helper is like three Grip Heads in one. Two independent grip heads sandwich a third with a fixed 16mm pin. This system allows multiple light control accessories to mount in front of fixtures without the need for numerous light stands.

AVENGER



GAG GOBO D250 **B**

 0,46kg

This unique double Grip Head system provides the flexibility of a second grip head allowing hundreds of uses including doubling up scrims and flags.

AVENGER



GRIP HEAD W/SWIVEL PIN D240 **B**

 1,25kg

Two famous accessories connected together to assure a wide range of fixing solutions. Attachments: 16mm male pin + 16mm female socket 28mm male pin.

AVENGER



DOUBLE GRIP HEAD D100 **B**

 0,87kg

A combination of two sets of gripheads discs mounted on a steel plate with a 10mm rod. Attachment: 10mm x 135mm rod.

AVENGER



ADDA HEAD D260 **B**

 0,52kg

Like the D230, but available as a separate unit. The Add ahead provides quick application of a Grip Head into the Super clamp system.

AVENGER



SET OF 6 BLUE T-TOP D050

Rubber cover gives better grip for 80mm T-handles, even in cold weather.
Available also in the following colours:
Red - code D050R
Yellow - code D050Y
Green - code D050G
Light Blue - code D050LB
Black - code D050B



AVENGER

41/2" JUMBO GRIP HEAD D400 B

 2,35kg

 Type 35  28mm



Designed to convert a Junior Stand into an overhead stand, the D400 incorporates a 4-1/2" (10mm) grip head with a junior stud and receiver.

AVENGER

JUMBO ADD AHEAD D410 B

 0,9kg



Like the smaller D260 version, this Jumbo Add ahead allows one to support lightweight overheads utilizing the Super Clamp system.

AVENGER

JUMBO GAG GOBO D420 B

 1,3kg



This double 4-1/2" (10mm) Grip Head allows for multiple overheads to be used simultaneously.

AVENGER

JUMBO GRIP HELPER D430 B

 1,9kg

A combination of two set of grip heads discs mounted on a aluminium plate with a 16mm rod.
Attachment: 16mm x 150mm rod.



AVENGER

40" EXTENSION GRIP ARM D520 B

 1,6kg

Normally used in combination with a Grip head (art. D200) it provides an extended grip point for scrims and flags or small lights. Pipe length 1020mm.

AVENGER



20" EXTENSION GRIP ARM D500 B

 1,35kg

Normally used in combination with a Grip head (art. D200) it provides an extended grip point for scrims and flags. Pipe length 510mm.

AVENGER



FUN GRIP ARM D550 B

 1,35kg

With its strong joint it solves all positioning problems of scrim, flags or small lights. 107cm length.

AVENGER



GRIP KIT D800KIT

Set of accessories that work on their own or in combination with stands to support scrims, flags and lighting fixtures to provide precision and secure control.

Kit comprises of:

- D200B Black grip head.
- E600 Snap-in 16mm pin.
- D520B Black 40" extension arm.
- C1575B Black Super Clamp.
- H4BAG Grip Kit bag.

AVENGER

SNAP-IN PIN E600

Specifically designed to connect Grid Head to Super Clamp. Aluminum made.

AVENGER

SNAP-IN PIN E600C

Not illustrated

Same as E600, chromed plated steel made.

AVENGER



SCRIMS AND FLAGS

Made of steel spring tube combined with unique fabrics, Scrims and Flags are light and strong and cut or soften light with great effects. To achieve the ideal positioning performance of Scrims and Flags, Manfrotto provides a complete Grip Head system. All textiles are also sold separately as spares in case your originals become damaged.



Fabric	Size (Inches)	12 x 18	18 x 24	24 x 30	24 x 36	30 x 36	48 x 48
	Size (cm)	30 x 45	45 x 60	60 x 75	60 x 90	75 x 90	120 x 120
Solid Black Flag	I 600B	I 650B	I 700B	I 750B	I 780B	I 1024	
Single Scrim	I 600S	I 650S	I 700S	I 750S	I 780S	I 790S	
Double Scrim	I 600D	I 650D	I 700D	I 750D	I 780D	I 790D	
Triple Scrim	I 600T	I 650T	I 700T	I 750T	I 780T	I 790T	
Single Scrim White	I 600SW	I 650SW	I 700SW	I 750SW	I 780SW	I 790SW	
Double Scrim White	I 600DW	I 650DW	I 700DW	I 750DW	I 780DW	I 790DW	
Triple Scrim White	I 600TW	I 650TW	I 700TW	I 750TW	I 780TW	I 790TW	
Silk Scrim	I 600K	I 650K	I 700K	I 750K	I 780K	I 790K	
1/4 Stop Silk Scrim	I 600K4	I 650K4	I 700K4	I 750K4	I 780K4	I 790K4	
China Silk	I 600CK	I 650CK	I 700CK	I 750CK	I 780CK	I 790CK	
Open Frame only	I 600	I 650	I 700	I 750	I 780	-	
Closed frame only	I 601	I 651	I 701	I 751	I 781	I 1024FRAME	



HIGH QUALITY

Every item is made with care for all details from cutting to sewing of the material to the frame.

A special design of the frame allows perfect 90° corners without losing elasticity of the frame.



SPARE PARTS

The unique design of our scrims and flags allows them to be repaired easily.

A velcro locking system fixes the cover to the frame while a built in pin maintains the perfect tension in the steel wire. To order spare part covers for scrims and flags add the letter "R" in front of the order code. I.e. R1650K is the spare part cover for the item I650K SILK SCRIM.



LABELLING

A label sewed close the handle will tell you the dimension of the frame in inches and centimetres.

SCRIMS AND COLOUR CODES

All our scrims are made using high temperature resistance Webbing. We used a colour code system to easily identify the different kind of textile; see table.

Silk (artificial)	Yellow
Silk 1/4 Stop	Blue
China Silk	Purple

Black Single (scrims)	Green
Black Double (scrims)	Red
Black Triple (scrims)	Black

White Single (scrims)	White
White Double (scrims)	Grey
White Triple (scrims)	Brown



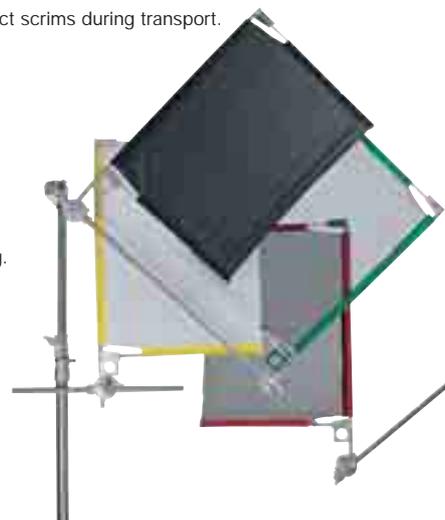
COLLAPSIBLE SCRIMS AND FLAGS

Innovative and easy to use, this collapsible frame system lets you save space and, at the same time, protect scrims during transport.



Order Notes: Frame & Textile must be ordered separately. *Kit comprises: 2 Frames, 1 each Textile & 1 Bag.

Fabric	Size (Inches)	12 x 18	18 x 24	24 x 36
	Size (cm)	30 x 45	45 x 60	60 x 90
Single Scrim	I 610S	I 660S	I 760S	
Double Scrim	I 610D	I 660D	I 760D	
Silk	I 610K	I 660K	I 760K	
Solid Black	I 610B	I 660B	I 760B	
Kit with Bag*	I 610KIT	I 660KIT	I 760KIT	
Frame only	I 610	I 660	I 760	



FLOPPIES AND CUTTERS

Description	Code	Size (Inches)	Size (cm)
Meat Axe Flag	I 1010	30 x 36	75 x 90
Mini Meat AF	I 1011	24 x 48	60 x 120
Cutter	I 1020	10 x 42	25 x 106
Cutter	I 1021	18 x 48	46 x 120
Cutter	I 1022	24 x 72	60 x 182
Cutter	I 1023	40 x 40	102 x 102
Cutter	I 1024	48 x 48	120 x 120
Floppy Cutter	I 1030	24 x 72	60 x 182
Floppy Cutter	I 1031	48 x 48	120 x 120

Description	Code
36"x 30" Closed Frame Only	I 1010FRAME
24"x 48" Closed Frame Only	I 1011FRAME
10"x 42" Closed Frame Only	I 1020FRAME
18"x 48" Closed Frame Only	I 1021FRAME
24"x 72" Closed Frame Only	I 1022FRAME
40"x 40" Closed Frame Only	I 1023FRAME
48"x 48" Closed Frame Only	I 1024FRAME

Floppies and Cutters FRAMES. If you wish to order the frame alone without fabric please refer to this chart.

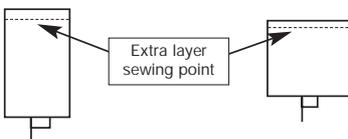
Made of Black Commando fabrics, Cutters and Floppies stop light completely and are used to control or cut illumination sources, whether natural or artificial. They can also be used to protect camera lenses from flare.



To order spare part covers for floppies and cutters add the letter "R" in front of the order code. I.e. RI1021, is the spare part cover for the item I1021 CUTTER 18 x 48.



All our flags, floppies and cutters are made using a strong webbing all around the frame, to protect the edges from wear.



Floppies are Cutters made with an additional piece of fabric, which is fixed with Velcro and can be unfolded, becoming twice its original size. See drawing to understand where the extra layer is sewed on the frame.

AVENGER

DOT & FINGER KIT I1550 KIT

Comprising:

- 1 x 3" (7.5cm) Single+Double,
- 1 x 6" (15cm) Single+Double,
- 1 x 6" (15cm) Silk,
- 2 x 6" (15cm) Flags,
- 1 x 12" (30cm) Single,
- 1 x 14" (36cm) Silk,
- 1 x 14" (36cm) Flag,
- 2 x Mini Flex Arm, 1 Bag.



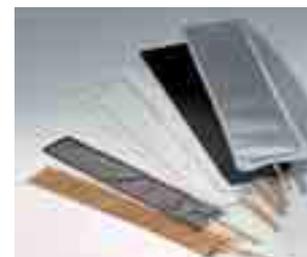
AVENGER

DOTS AND FINGERS

Fabric	Description	Dot	Dot	Dot	Dot	Dot
	Size (Inches)	3	6	10	2 x 12	4 x 14
	Size (cm)	7.6	15	25	5 x 30	10 x 35
Single Scrim		I 100S	I 200S	I 300S	I 400S	I 500S
Double Scrim		I 100D	I 200D	I 300D	I 400D	I 500D
Silk		I 100K	I 200K	I 300K	I 400K	I 500K
Solid Black		I 100B	I 200B	I 300B	I 400B	I 500B
Sunlite / White		I 100SW	I 200SW	I 300SW	I 400SW	I 500SW
Gold / Silver		I 100GS	I 200GS	I 300GS	I 400GS	I 500GS

Designed to be mounted on flex or articulated arms, Dots and Fingers are essential tools to create precise light effects on small areas. Our complete range, available in different dimensions and various fabric types, provides the right solution to your needs.

AVENGER





**UNIVERSAL ARTICULATED
ARM KIT D580**


1,22kg

Articulated Arm, Mini Clamp, 3/8" Square Adapter, 10mm Socket Adapter, Super Clamp, Hexagonal Adapter, Black Plastic Flag. Arm length: 90cm.



**UNIVERSAL FLEXTENTION
KIT D390**


1,15kg

Comprising: Flextention Arm, Mini Clamp, 3/8" Square Adapter, 10mm Socket Adapter, Super Clamp, Hexagonal Adapter, Black Plastic Flag. Arm length: 50cm.

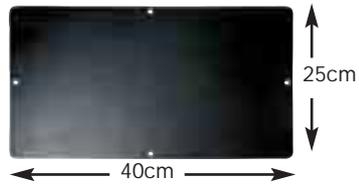


**CAMERA FLEXTENTION
KIT D340**


0,6kg

Flextention Arm, with 2 Mini Clamps, 3/8" Adapter, 10mm Socket Adapter, Black Plastic Flag.



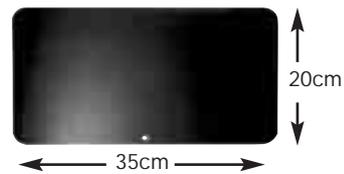
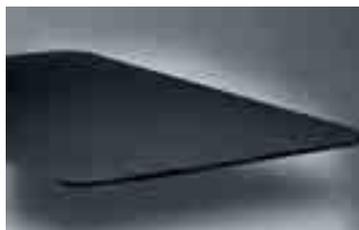


BLACK METAL FLAG I800



0,29kg

Thickness: 1mm.



BLACK PLASTIC FLAG I810



0,15kg

Thickness: 3mm.



BALL AND SOCKET FLAG ARM D560



0,32kg

Length: 43cm.





FORK 143F

 0,14kg

Fork attachment for styrene gobos:
supplied with 1/4" and 3/8" female attachment.
Size 12.5 x 20cm.



DOUBLE HINGED FORK 143FV

 0,5kg  Type 1

Holds 2 styrene gobos to reflect
or cut light on a subject.
Size 12.5 x 20cm.



DOUBLE FIXED FORK 143FD

 0,2kg

Holds 2 styrene gobos to reflect
or cut light on a subject.
Size 12.5 x 20cm.



**COLLAPSIBLE REFLECTOR
HOLDER D700B**

 0,7kg  Type 1

Extension Arm.
Max Length: 122cm - Min Length: 47cm.

AVENGER

**COLLAPSIBLE REFLECTOR
HOLDER LONG D705B**

 0,8kg  Type 1

Extension Arm Long.
Max Length: 185cm - Min Length: 66cm.

AVENGER



40MM (1.6") TELESCOPIC POLYHOLDER D750

-  2,5kg
-  15kg
-  16mm

Max Size Holding: 156cm.
Folded Length: 91cm.



Polystyrene is one of the most widely used light bouncers, but it's not the easiest material to handle. Now our Poly-Holder gives you total control. It grips any thickness, is telescopic to hold most full sheet sizes; then just fixes into the lighting Grip Head (code D200) mounted on a stand or clamp. What could be easier?

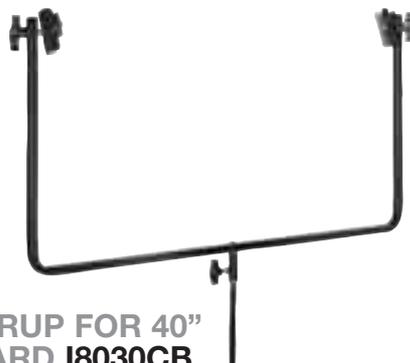
AVENGER

MOUNTING STIRRUP FOR 40" REFLECTOR BOARD I8030CB

-  2,5kg
-  16mm

Will fit reflector board from 5mm to 25mm thickness.
Board not supplied.

AVENGER



FOAMCORE FORK 16MM PIN F1504

-  0,25kg
-  Type 33

Similar to the F1501, but includes four pointed pins to mount thicker foam core or gator-board. Mounts via a 16mm pin.

AVENGER



30MM (1,2") POLYHOLDER F1501

-  0,8kg
-  Type 1

A foamcore support clamp to enable precise positioning. Mounts via a 16mm socket.

AVENGER



50MM (2") POLYHOLDER WITH SWIVEL JOINT 28MM SPIGOT F1520

-  2,5kg
-  28mm

The Polyholder has a 28 mm spigot with a ball-and-socket joint to allow rotation and flexible positioning. The board "clamp" has two sides, one white for the reflective side of the polystyrene; one black for the light-stopping side. It doesn't damage the poly. Two metal spikes (on wire retainers) keep the polystyrene board firmly in place. The structure is robustly built to hold thick polystyrene boards, and also has a secondary safety hook to anchor the polyholder to the lightstand/clamp/etc. Plate dimensions: 150 x 220mm. Mounts via a 28 mm pin.

AVENGER



50MM (2") POLYHOLDER WITH 16MM SPIGOT F1521

-  2,5kg
-  16mm

The polyholder has a 16mm spigot. The "board" clamp has two sides, one white for the reflective side of the polystyrene; one black for the black light-stopping side. It doesn't damage the poly. Plate dimensions: 150 x 220mm

AVENGER





You can find EVERYTHING you need for controlling lighting beams by means of Butterflies (frames up to 600cm x 600cm), from dedicated overhead stands to the wide range of fold away or modular frames.



Contents	Page
Overhead Stands	160
Frames	162
Butterfly Textiles	164

Overhead stands are designed to support butterfly frames and backdrops, but their use is virtually limitless due to their high reach and wide base.

The top of the stand is fitted with a 115cm grip head, which accepts the butterfly ears; and a 28mm socket for fixtures with a junior pin. The stands with wheels have a special casting to protect the wheels during storage.

Wide base for greatest stability at maximum heights.

Legs may be locked partially open for working in tight environments.

Roller versions fitted with efficient braked wheels.



WIDE BASE HIGH OVERHEAD STAND A320

-  199cm
-  557cm
-  195cm
-  196cm
-  16,8kg
-  40kg
-  9,5kg@557cm
-  28mm
-  115mm
-  A9000

Chrome steel stand. 4 sections, 3 risers.
 Ø: 45, 40, 35, 30mm. Leg: 25 x 25mm.
 1 levelling leg.



160 cine



SUPER HIGH OVERHEAD STAND A330

-  240cm
-  808cm
-  203cm
-  198cm
-  21kg
-  30kg
-  1kg@808cm
-  28mm
-  115mm

Chrome steel stand. 5 sections, 4 risers.
 Ø: 50, 45, 40, 35, 30mm. Leg: Ø 30mm.
 1 levelling leg.



MEDIUM OVERHEAD STAND A312 Not illustrated

143cm	423cm	135cm	129cm	11,8kg
40kg	4,5kg@423cm	28mm	115mm	A9000

Chrome steel stand.
4 sections, 3 risers.
Ø: 45, 40, 35, 30mm.
Leg: 25 x 25mm.

AVENGER

MEDIUM OVERHEAD ROLLER STAND WITH BRAKED WHEELS A310

152cm	432cm	150cm	154cm	16kg
40kg	5kg@423cm	28mm	115mm	

Chrome steel stand complete with braked wheels.
4 sections, 3 risers.
Ø: 45, 40, 35, 30mm.
Leg: 25 x 25mm.

AVENGER

HIGH OVERHEAD STAND A302 Not illustrated

177cm	588cm	167cm	129cm	14kg
40kg	1kg@588cm	28mm	115mm	A9000

Chrome steel stand.
4 sections, 3 risers.
Ø: 45, 40, 35, 30mm.
Leg: 25 x 25mm.

AVENGER

HIGH OVERHEAD ROLLER STAND WITH BRAKED WHEELS A300 Not illustrated

186cm	579cm	182cm	154cm	18,3kg
40kg	28mm	115mm		

Chrome steel stand complete with braked wheels.
4 sections, 3 risers.
Ø: 45, 40, 35, 30mm.
Leg: 25 x 25mm.
Important! Counterweight sandbags must always be used on the legs to ensure safe, stable operation even at full height extension.

AVENGER



C-BOOM/FISHPOLE HOLDER D610

0,62kg
For tubes of max diameter 35mm.

AVENGER



4 1/2" JUMBO GRIP HEAD D400 [®]

2,35kg	
Type 35	28mm

Designed to convert a Junior Stand into an overhead stand, the D400 incorporates a 4-1/2" (10mm) grip head with a junior stud and receiver.

AVENGER



This unique overhead frame allows rapid fold-out and set-up, ready to mount on stands in seconds!
 Precisely engineered, the hinged connection points will easily fold to get the frame from set to set or through doorways without having to remove the fabric. The Fold Away is very compact for transportation and storage.

FOLD AWAY FRAME

Code	Frame Size Feet	Frame Size cm	Tube Thickness mm	Frame Support	Transport Dimension mm	Weight kg
H2006	6 x 6	183 x 183	2	Ear Type 2	1915 x 150 x 30	10.5
H2008	8 x 8	244 x 244	2	Ear Type 2	2525 x 150 x 30	11.5
H2012	12 x 12	366 x 366	2	Ear Type 2	3740 x 150 x 30	13.5



FOLD-OUT AND SET UP

Just fix the frame holder and it is ready to mount!
 To order Ear support alone use code RH02015.



FOLD-DOWN AND BRING UP

Need to move the frame quickly from set to set?
 No problem, just remove the frame holder, fold down the frame and carry the frame with the textile still fitted!!



AVENGER

FOLD AWAY FRAME COMPACT

Code	Frame Size Feet	Frame Size cm	Tube Thickness mm	Frame Support	Transport Dimension mm	Weight kg
H2508	8 x 8	244 x 244	2	Ear Type 2	1298 x 165 x 85	14.8
H2512	12 x 12	366 x 366	2	Ear Type 2	1905 x 165 x 85	17



FOLD-DOWN AND BRING UP

Fold Away Compact is the evolution of the standard version.
 A Locking mechanism (shown in fig 3) allows the frame to be folded even smaller for even easier transportation.



AVENGER

Fabric and stands are not included.

LIGHTWEIGHT FRAMES

The Manfrotto Deluxe Fast-Loc Frame kit is lightweight and quick to set up. The square section aluminium tubes slide and lock together to provide a strong frame which supports lighting control textiles of (4' x 4' and 6' x 6' in size).



The Manfrotto Butterfly Frames uses two methods of support. Ear and Stud as illustrated.

Code	Frame Size Feet	Frame Size cm	No. of tubes per side	Tube Length x Thickness mm	Tube Connection	Frame Support	Weight kg	Optional Frame Bag
H440	4 x 4	122 x 122	1	640 x 1.4	Insert	Stud Type x 1	5.9	H6BAG
H660	6 x 6	183 x 183	1	1205 x 1.4	Insert	Stud Type x 2	6.9	H6BAG



Insert Tube Connection

AVENGER

MODULAR FRAMES

Heavy duty 3mm square section tubes-slot and pin-lock together, rapidly providing a stable frame for lighting control textiles. By reducing or adding tubes you can create any frame size.

Code	Modular Frame Size	Size cm	No. of tubes per side	Tube Length x Thickness mm	Tube Connection	Frame Support	Weight kg	Optional Frame Bag
H400M	4 x 4	122 x 122	1	1205 x 3	N/A	Ear Type x 1	7.3	H6BAG
H600M	6 x 6	183 x 183	1	1205 x 3	Pin	Ear Type x 2	11.4	H6BAG
			1	610 x 3				
H800M	8 x 8	244 x 244	2	1205 x 3	Pin	Ear Type x 2	13.6	H6BAG
H1200M	12 x 12	366 x 366	3	1205 x 3	Pin	Ear Type x 2	19	H6BAG
H2000M	20 x 20	610 x 610	5	1205 x 3	Pin	Ear Type x 2	32.6	H6BAG

AVENGER

MODULAR FRAME CONVERSION KIT

Code	Conversion kit (ft.)	Conversion kit (cm)
H406EXT	from 4 x 4 to 6 x 6	122 x 122 to 183 x 183
H408EXT	from 4 x 4 to 8 x 8	122 x 122 to 244 x 244
H806EXT	from 20 x 20, 12 x 12 and 8 x 8 to 6 x 6	610 x 610, 366 x 366 and 244 x 244 to 183 x 183
H812EXT	from 8 x 8 to 12 x 12	244 x 244 to 366 x 366
H1220EXT	from 12 x 12 to 20 x 20	366 x 366 to 610 x 610



Pin Tube Connection

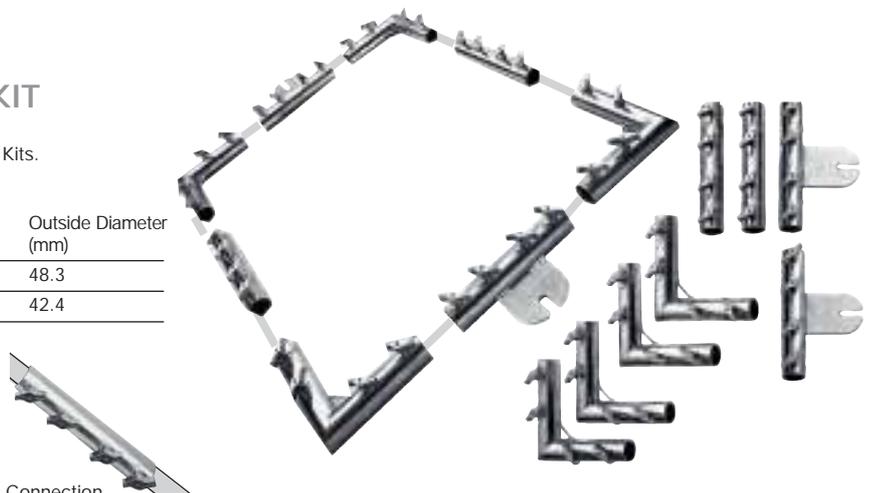
AVENGER

D.I.Y. BUTTERFLY PIPE CORNER KIT

Pipe specifications for use with the D.I.Y Butterfly Pipe Corner Kits.

Code	Nominal Bore (Inches)	Outside Diameter (Inches)	Nominal Bore (mm)	Outside Diameter (mm)
H9000	1 1/2"	1 29/32"	38	48.3
H9500	1 1/4"	1 11/16"	32	42.4

These two different kits, which contain corners and supports, give you the possibility of making frames of any dimension, using standard aluminium pipes. See the above chart for the right diameter of pipes to use.



Pipe Connection

AVENGER

BUTTERFLY TEXTILES

A wide range of butterfly textiles for the perfect stage and set lighting effects, indoor or out.

Fabric	Size (Feet)	4 x 4	6 x 6	8 x 8	12 x 12	20 x 20
	Size (cm)	120 x 120	180 x 180	240 x 240	360 x 360	600 x 600
Black Commando		I 905BL*	I 910BL*	I 915BL*	I 920BL*	I 930BL*
Black Single Net		I 905BSN	I 910BSN	I 915BSN	I 920BSN	I 930BSN
Black Double Net		I 905BDN	I 910BDN	I 915BDN	I 920BDN	I 930BDN
White Single Net		I 905WSN	I 910WSN	I 915WSN	I 920WSN	I 930WSN
White Double Net		I 905WDN	I 910WDN	I 915WDN	I 920WDN	I 930WDN
Grifolyn Black / White		I 905GBW	I 910GBW	I 915GBW	I 920GBW	I 930GBW*
Silk (artificial)		I 905K	I 910K*	I 915K*	I 920K*	I 930K*
Silk 1/4 Stop		I 905K4	I 910K4	I 915K4	I 920K4*	I 930K4*
China Silk		I 905CK	I 910CK*	I 915CK*	I 920CK*	I 930CK*
Soft Diffuser (Grid)		I 905SD	I 910SD*	I 915SD*	I 920SD*	I 930SD*
Soft Diffuser Light (Light Grid)		I 905SDL	I 910SDL*	I 915SDL*	I 920SDL*	I 930SDL*
White Block		I 905WB*	I 910WB*	I 915WB*	I 920WB*	I 930WB*
Silver / White		I 905SW*	I 910SW*	I 915SW*	I 920SW*	I 930SW*
White / Gold		I 905WG*	I 910WG*	I 915WG*	I 920WG*	I 930WG*
Sunfire / Silver		I 905SUS	I 910SUS*	I 915SUS*	I 920SUS*	I 930SUS*
Muslin Bleached		I 905MB*	I 910MB*	I 915MB	I 920MB*	I 930MB*
Muslin Unbleached		I 905MU*	I 910MU*	I 915MU	I 920MU*	I 930MU*
CromaKey Blue		I 905CKB	I 910CKB*	I 915CKB*	I 920CKB*	I 930CKB*
CromaKey Green		I 905CKG	I 910CKG*	I 915CKG*	I 920CKG*	I 930CKG*

* Textile obtained by sewing two or more pieces of fabric together.



ALL IN ONE

All our butterfly textiles are supplied complete with clear bottomed bag and elastic hook kit (code I910SET - set of 16 pcs).



BUTTERFLY BAGS

A well designed bag is supplied with our butterfly textiles; it has a clear base so you can see the content of the bag without opening it. An additional pocket holds stickers or carton tags for additional information like Code, dimensions, textile type etc. Stored in the proper way on your warehouse shelf it will speed up inventory or picking procedures avoiding mistakes and time loss. To order the bag alone refer to the chart below.

H44BAG	S	BAG FOR 4 X 4 AND 6 X 6 BUTTERFLY TEXTILES
H88BAG	M	BAG FOR 8 X 8 AND 12 X 12 BUTTERFLY TEXTILES
H2020BAG	L	BAG FOR 20 X 20 BUTTERFLY TEXTILES
H2020XBAG	XL	BAG FOR 20 X 20 CROMAKEY TEXTILES



LABELLING AND WEBBING

A textile label sewn close to each corner shows butterfly textile dimensions and fabric. This simple but important improvement will avoid mistakes in shipping and storing operations. The webbing material used on our butterfly textile has been chosen for high temperature resistance.

FABRIC SPECIFICATION

Fabric	Fabric Width (Meters)	Light loss (stops)
Black Commando (solid)	2m	100%
Black Single Net	7.32m	0.7
White Single Net	7.32m	0.5
Grifolyn Black	3.6m	100%
Grifolyn Black / White	3.6m	100%
Grifolyn White	3.6m	100%
Soft Diffuser	1.5m	2.5
Soft Diffuser	1.5m	1.8
White Block	1.1m	100%
Silver / White	1.5m	1.4
Gold / White	1.5m	100%
Sunfire / Silver	1.5m	100%
Muslin Bleached	3m	100%
Muslin Unbleached	3m	100%

Fabric	Fabric Width (Meters)	Light loss (stops)	Scrim color code
Cromakey Blue	1.3m	100%	
Cromakey Green	1.3m	100%	
Sunfire / White	1.5m	100%	
Silver / Gold	1.1m	100%	
Silk (artificial)	1.5m	1.6	Yellow
Silk 1/4 Stop	2.95m	0.8	Blue
China Silk	1.36m	1.2	Purple
Black Single (scrim)	7.32m	0.8	Green
Black Double (scrim)	7.32m	1.5	Red
Black Triple (scrim)	7.32m	2.9	Black
White Single (scrim)	7.32m	0.7	White
White Double (scrim)	7.32m	1	Grey
White Triple (scrim)	7.32m	1.6	Brown



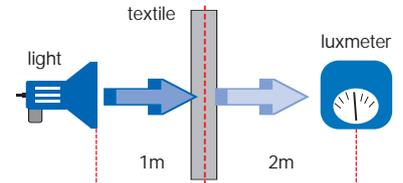
Fabric swatch book. Code 1999.

FABRIC WIDTH SEAM

The measures in the column show the maximum width of different fabrics used for our butterfly textile system; you can calculate how many seams the butterfly textile has, depending on the type and size chosen. For example, the Black Commando 20 x 20 (600 x 600cm), with a fabric width of 2m, has 2 seams, whereas the Black Single of the same size has no seams.

LIGHT LOSS

The chart shows the light loss of an incandescent light source. The main light reading is 32^{9/10} F Stop. The light loss has been calculated positioning the luxmeter at 2m from the light source and the butterfly textile halfway between them.



TEXTILES ROLLS

I950BL	Fabric roll 10m x 2m Black Solid
I950WB	Fabric roll 10m x 1.1m White Solid
I950BSN	Fabric roll 10m x 7.32m Black Single Net
I950WSN	Fabric roll 10m x 9.15m White Single Net
I950K	Fabric roll 10m x 1.5m Silk
I950K4	Fabric roll 10m x 2.95m 1/4 Stop Silk
I950CK	Fabric roll 10m x 1.36m China Silk
I950SD	Fabric roll 10m x 1.5m Soft Diffuser
I950SDL	Fabric roll 10m x 1.5m Soft Diffuser Light
I950MB	Fabric roll 7m x 3m Muslin Bleached
I950MU	Fabric roll 7m x 3m Muslin Unbleached
I950GBW	Fabric roll 10m x 3.55m Griffolyn Black/White
I950SW	Fabric roll 10m x 1.5m Silver/White
I950WG	Fabric roll 10m x 1.5m Gold/White
I950SUS	Fabric roll 10m x 1.5m Sunfire/Silver
I950CKB	Fabric roll 10m x 1.3m Cromakey Blue
I950CKG	Fabric roll 10m x 1.3m Cromakey Green



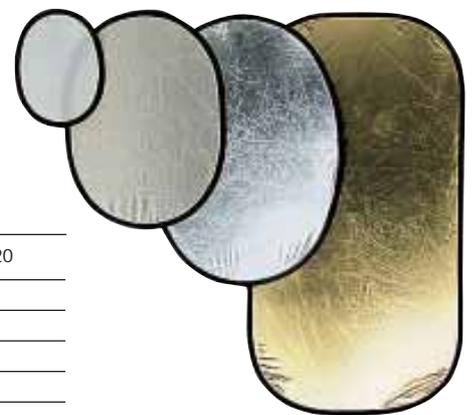
AVENGER

OVAL REFLECTORS

Fabric	Size (Feet)	20 x 15	37 x 28	48 x 35	73 x 48
	Size (cm)	50 x 38	95 x 70	120 x 90	185 x 120
Translucent		I 2007	I 3807	I 4807	I 6207
Sunfire / White		I 2008	I 3808	I 4808	I 6208
Silver / White		I 2031	I 3831	I 4831	I 6231
Silver / Gold		I 2034	I 3834	I 4834	I 6234
Gold / White		I 2041	I 3841	I 4841	I 6241

Bags for oval reflectors	I 2000BAG	I 3800BAG	I 4800BAG	I 7200BAG
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AVENGER





Our family of Avenger clamps stands out for supporting heavy loads and for clamping any kind of prop, be it a square or round section pipe (up to 78mm diameter), or IPE bar (up to IPE160). For that reason, the various models are made of aluminum castings or by extruded aluminum, so that they can ensure high mechanical performance, well suited for the required use. Avenger clamps also feature neat clamping solutions, in order to provide easy operation and quick locking. Our range of clamps is backed up by a wide choice of accessories.

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A convenient method of suspending luminaires from above for unobstructed floor areas.

Avenger telescopic hangers are renowned for their strength and versatility.

Available with either a stirrup or universal head, all hangers come with a safety pin to prevent the riser from slipping.

TELESCOPIC HANGER WITH UNIVERSAL HEAD C825



121cm 201cm 5,1kg Type 34

Max Load with 16mm spigot 10kg.
Max Load with 28mm socket 40kg.



TELESCOPIC HANGER WITH STIRRUP C820



117cm 197cm 5,4kg 40kg

Luminaire attachment - Stirrup Ø 40mm.



LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD C827

Not illustrated



212cm 381cm 6,8kg Type 34

Max Load with 16mm spigot 10kg.
Max Load with 28mm socket 40kg.



Safety Pin

LONG TELESCOPIC HANGER WITH STIRRUP C822

Not illustrated



210cm 379cm 6,8kg 40kg

Luminaire attachment - Stirrup Ø 40mm.



Safety Pin

TELESCOPIC HANGER WITH UNIVERSAL HEAD C888UH



76cm 161cm 4,6kg Type 34

Max Load with 16mm spigot 10kg.
Max Load with 28mm socket 40kg.



TELESCOPIC HANGER WITH STIRRUP C888ST



73cm 157cm 4,7kg 40kg

Luminaire attachment - Stirrup Ø 40mm.



Manfrotto Pipe Clamps are made from in aluminium alloy or rugged gravity cast aluminium for extra strength.

Clamping range encompasses pipes from 28mm to 78mm diameter.

SWIVELLING "C" CLAMP C150

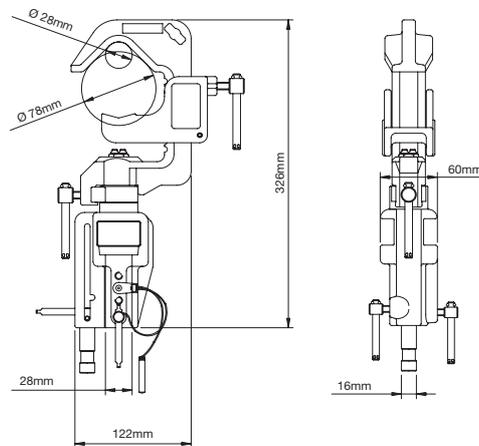
-  1,6kg
-  10/75kg*
-  28mm
- 

Works on diameters from 28mm to 78mm.

* 10kg on 16mm attachment,
75kg on 28mm attachment.

AVENGER

TUV GS
PRODUCT SERVICE

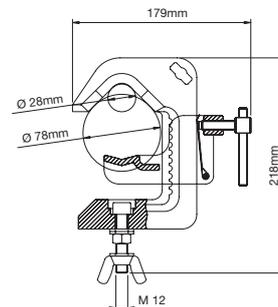


SWIVELLING "C" CLAMP WITH M12 SCREW C151

-  1,07kg
-  100kg
-  M12
- 

Works on diameters from 28mm to 78mm.

AVENGER

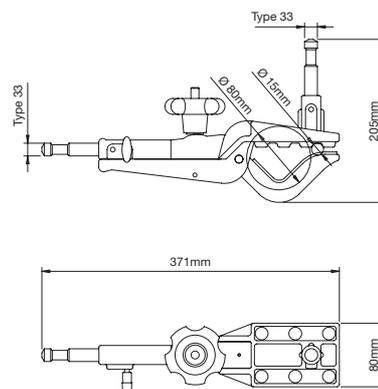


PELICAN GAFFER GRIP C500

-  1,4kg
-  10kg
-  Type 2
-  Type 33
- 

Works on diameters from 15mm to 80mm.

AVENGER

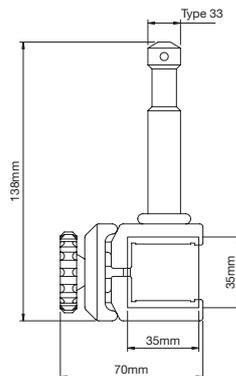


SQUARE CLAMP WITH 16MM PIN C720



0,24kg Type 33

Fits square pipe 35mm x 35mm.

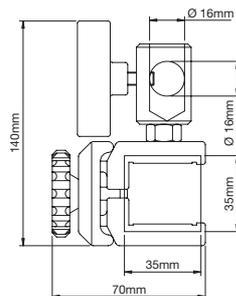


SQUARE CLAMP WITH 16MM RECEIVER C700



0,30kg Type 1

Fits square pipe 35mm x 35mm.



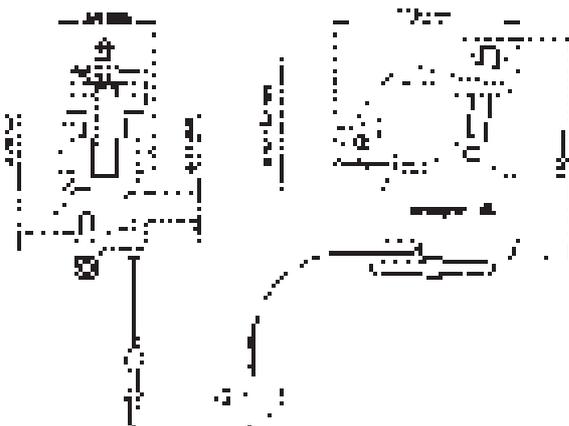
BARREL CLAMP C350N



0,8kg 100/300kg* 17mm/28mm

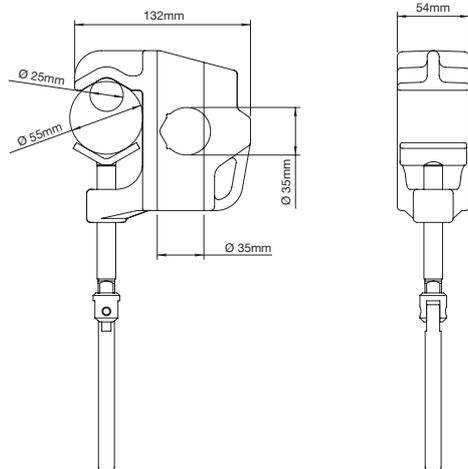
Works on diameters from 42mm to 52mm.

* 100kg on 16mm attachment.
300kg on 28mm attachment.



BARREL CLAMP WITH KNOB C350NK Not illustrated

Same as C350N but with knob.



GRID CLAMP C300



1,1kg 50/30kg* 35mm

Works on diameters from 25mm to 55mm.

* 50kg on vertical position.
30kg on horizontal position.

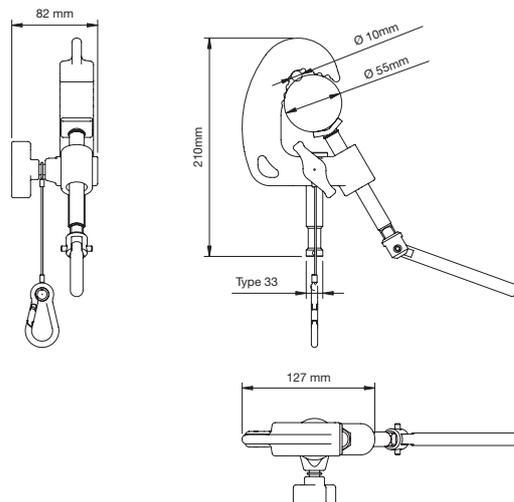


BABY PIPE CLAMP WITH 16MM STUD C210

-  0,62kg
-  100kg
-  Type 33
- 

Works on diameters from 10mm to 55mm.

AVENGER

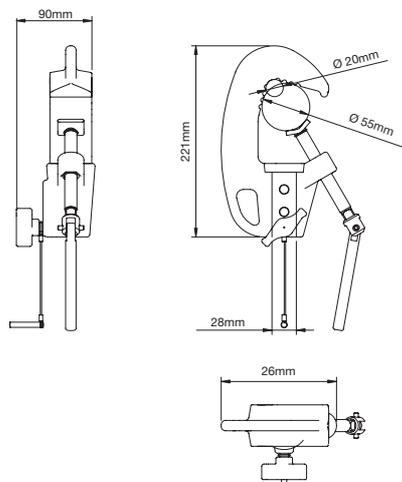


JUNIOR PIPE CLAMP WITH 28MM SOCKET C100

-  1,13kg
-  250kg
-  28mm
- 

Works on diameters from 20mm to 55mm.

AVENGER



SUPER CLAMP C1575B

-  0,45kg
-  15kg

Ideal clamp for Cine, Broadcast or Lighting & Entertainment application. Clamping system achieved via a metal knob ensuring extra solidity. Works on diameters from 13mm to 55mm.

AVENGER

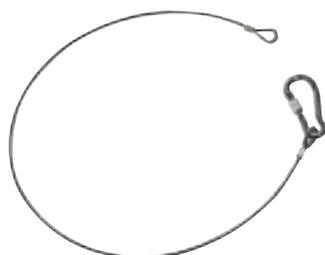


HEAVY DUTY SUPER CLAMP C1550

-  0,45kg
-  15kg
- 

Extra strong version of Super Clamp because of a special manufacturing process named gravity casting, allowing heavier manipulation. Works on diameters from 13mm to 55mm.

AVENGER



SAFETY CABLE C155

Diameter 4mm. Length 100cm.

AVENGER

SAFETY CABLE C155-01 Not illustrated

Diameter 3,5mm. Length 70cm.

AVENGER

SAFETY CABLE C155-02 Not illustrated

Diameter 5mm. Length 70cm.

AVENGER

SAFETY CABLE C155-03 Not illustrated

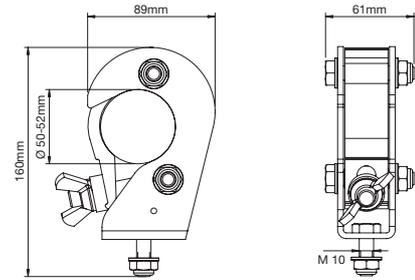
Diameter 6mm. Length 100cm.

AVENGER

SLIM HOOK CLAMP C356

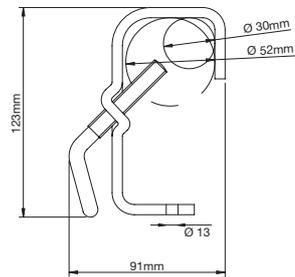
0,8kg 500kg M10x25

A strong, sturdy clamp combining an all steel hook with an aluminium locking jaw. Clamps perfectly on pipes from 50mm to 52mm.



Work on diameters from 30mm to 52mm.

The double locking knob position always provides an optimal grip point.



STAGE CLAMP C280

0,37kg 50kg 13mm hole

For multipurpose applications.



STAGE CLAMP WITH 16MM STUD C285

0,47kg 50kg Type 33

Supplied with 16mm stud.



STAGE CLAMP WITH 28MM STUD C290

0,9kg 50kg Type 33

Supplied with 28mm stud.



STAGE CLAMP WITH 28MM SOCKET C295

0,75kg 50kg 28mm

Supplied with 28mm stud.



The mechanical concept on which we based this new range of clamps allows an incredible speed in locking and unlocking the clamp's jaws.

Fastening the clamp to a pipe or any other support is quick and simple allowing you to position your lighting equipment securely.

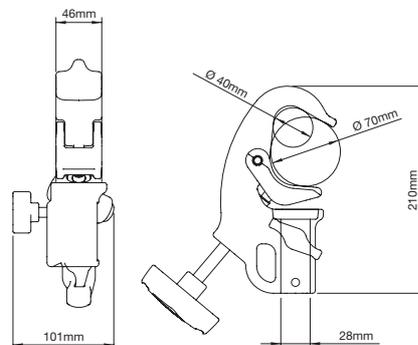
The Quick Action line of clamps consists of four models that differ in dimension, load capacity (from 7kg to 100kg) and coupling range (from 5mm to 80mm).

QUICK ACTION JUNIOR CLAMP 28MM BUSHING C337

-  1,27kg
-  100kg
-  28mm

Made in gravity cast aluminium, this clamp is ideal to hang all types of luminaires in TV studios and theaters. Its incredible "coupling range" sets almost no limitations to its capability to clamp to almost all the industry standard pipe diameters. To meet all safety requirements, we have designed a dedicated slot for flexible steel safety cables. Supplied with T-top padded handle to improve grip. Pipe size 40-70mm. PAT. PENDING.

AVENGER

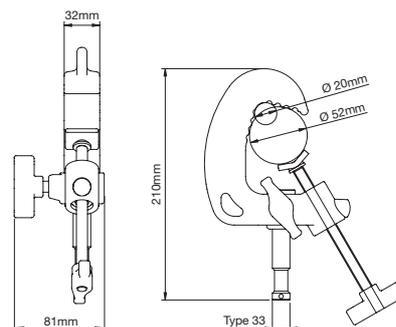


QUICK ACTION BABY CLAMP 16MM PIN C338

-  0,76kg
-  50kg
-  Type 33

Very slim and lightweight, this version has been designed for small luminaires, virtually unlimited in application. To meet all safety requirements, we have designed a dedicated slot for flexible steel safety cables. Pipe size 20-52mm. PAT. PENDING.

AVENGER



EYE COUPLER family: safer, easier to use and lighter, with the reliability and high performance that you expect from Manfrotto. The new high-performance EYE COUPLER range has been developed with professional users' needs in mind. Improved safety, full TUV certification, optimised ergonomics and unique design are the key features of new EYE COUPLERS, developed for professionals in entertainment and film industries.

The complete EYE COUPLER range is made up of
 LP EYE COUPLERS: industry standard clamp range from 48 to 52 mm
 MP EYE COUPLERS: wider clamp range from 42 to 52 mm and special flattened shape of lower jaw
 MP SLIM EYE COUPLERS: same features as MP coupler, but narrower in profile and lighter in weight

LP EYE COUPLER C460

0,36kg 500kg 13mm hole

The base model of LP eye coupler for any customised application.



LP EYE COUPLER WITH 28MM SPIGOT C461

0,57kg 500kg Type 35

Supplied with 28mm spigot for TV/broadcast luminaires



LP EYE COUPLER WITH 16MM SPIGOT C462

0,41kg 500kg Type 33

Designed with 16mm spigot suitable for lightweight luminaires.



LP EYE COUPLER WITH LIFTING RING C463

0,55kg 300kg Ring

Provided with lifting ring for multipurpose use with chains, wires and ropes.



LP EYE COUPLER WITH M12 BOLT PLUS NUT C464

0,40kg 500kg M12x27

Supplied with M12 bolt and nut for custom solutions



LP EYE COUPLER W/28MM BUSHING C465

0,84kg 300kg 28mm

Designed with 28mm bushing suitable for 2K+stirrup luminaires.



LP PARALLEL EYE COUPLER C480

0,76kg 300kg

Twin couplers fixed parallel for firm, quick and easy interconnection for truss, bars or pipes.



LP 90° FIXED EYE COUPLER C481

0,76kg 300kg

Twin couplers fixed at 90° for firm, quick and easy interconnection for truss, bars or pipes.



LP SWIVEL EYE COUPLER C482

0,76kg 300kg

Twin couplers free to rotate 360° for firm, quick and easy interconnection for truss, bars or pipes.



CONNECTION KIT FOR LP EYE COUPLER C466

Kit to connect two C460 clamps.



MP EYE COUPLER C4460

0,39kg 500kg 13mm hole

The base model of MP eye coupler for any customised application.



MP EYE COUPLER WITH 28MM SPIGOT C4461

0,60kg 500kg Type 35

Supplied with 28mm spigot for TV/broadcast luminaires.



MP EYE COUPLER WITH 16MM TV SPIGOT C4462

0,44kg 500kg Type 33

Designed with 16mm spigot suitable for lightweight luminaires.



MP EYE COUPLER WITH LIFTING RING C4463

0,58kg 300kg Ring

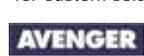
Provided with lifting ring for multipurpose use with chains, wires and ropes.



MP EYE COUPLER WITH M12 BOLT PLUS NUT C4464

0,43kg 500kg M12x27

Supplied with M12 bolt and nut for custom solutions.



MP EYE COUPLER W/28MM BUSHING C4465

0,87kg 300kg 28mm

Designed with 28mm bushing suitable for 2K+ stirrup luminaires.



MP EYE COUPLER WITH 16MM BUSHING C4469

-  0,52kg
-  500kg
-  16mm

Supplied with 16mm spigot for light fixing accessories.

AVENGER



MP TILT & SWIVEL EYE COUPLER C4470

-  1,3kg
-  300kg
-  Type 35

Provided with 28mm spigot to enable to rig a bar or a frame structure between two stands with 360° spigot rotation and swivel system.

AVENGER



MP SWIVEL EYE COUPLER C4482

-  0,81kg

Twin couplers free to rotate 360° for firm, quick and easy coupling of trusses, bars or pipes.

AVENGER



MP EYE COUPLER SWIVEL AND TILT TRUSS SUPPORT 150-250 C4485

-  2,78kg
-  Type 35

Min. Lenght - 150mm. Max. Lenght - 250mm. Truss Support Coupler with a tilt/swivel connection to the stand pin. It avoids torsion and mounting problems when lifting a truss using two stands simultaneously.

AVENGER



MP EYE COUPLER SWIVEL AND TILT TRUSS SUPPORT 200-400 C4486 Not illustrated

-  2,85kg
-  Type 35

Min. Lenght - 200mm. Max. Lenght - 400mm.

AVENGER

MP SLIM EYE COUPLER C4560

-  0,26kg
-  300kg
-  13mm hole

The base model of MP slimlight version eye coupler.

AVENGER



MP EYE COUPLER 12MM BOLT + NUT C4564

-  0,3kg
-  300kg
-  M12x27mm

Supplied with M12 bolt and nut for custom solutions.

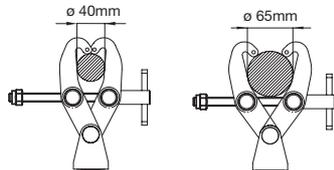
AVENGER



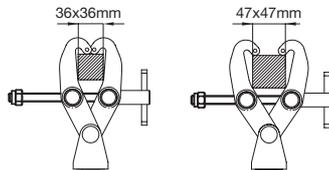
The Grab Clamp is flexible and fast to use thanks to its pincer jaw design and rapid locking and release mechanism.

It can be fixed to a wider range of supports than traditional clamps and is suitable for use in TV, video and photographic studios, theatres and rigging structures. The grab clamp will hold all kinds of lights, scenery, monitors and much more besides.

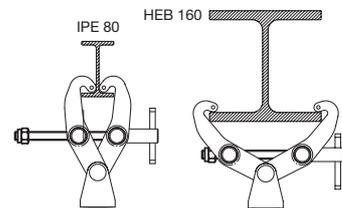
The grab clamp has been designed to be mounted on a wide range of beams, pipes and bars, whether round, square or rectangular in section. It needs no adapter - just open and clamp it.



Clamp Range: 40mm to 65mm



Clamp Range: 36mm to 47mm



Clamp Range: IPE 80 to IPE 160
HEB 80 to HEB 160

GRAB CLAMP C339

- 1,2kg
- 150kg
- 12,5mm Hole

Supplied without attachment, but with a 12.5mm hole for custom fixings.

AVENGER



GRAB CLAMP WITH 28MM TV SPIGOT C339JS

- 1,4kg
- 150kg
- Type 35

Supplied with 28mm spigot.

AVENGER



GRAB CLAMP WITH 16MM BUSHING C339BB

- 1,35kg
- 50kg
- 16mm

Comes with 16mm bushing complete with push button for extra-safe attachment.

AVENGER



GRAB CLAMP WITH LIFTING EYE C339LE

- 1,4kg
- 150kg
- Ring

Complete with standard lifting eye for chain or rope fixture.

AVENGER



GRAB CLAMP WITH UNIVERSAL HEAD C339UH

- 1,95kg
- 75kg
- 28mm
- 16mm

Provided with a universal fixed (non-rotating) head.

AVENGER



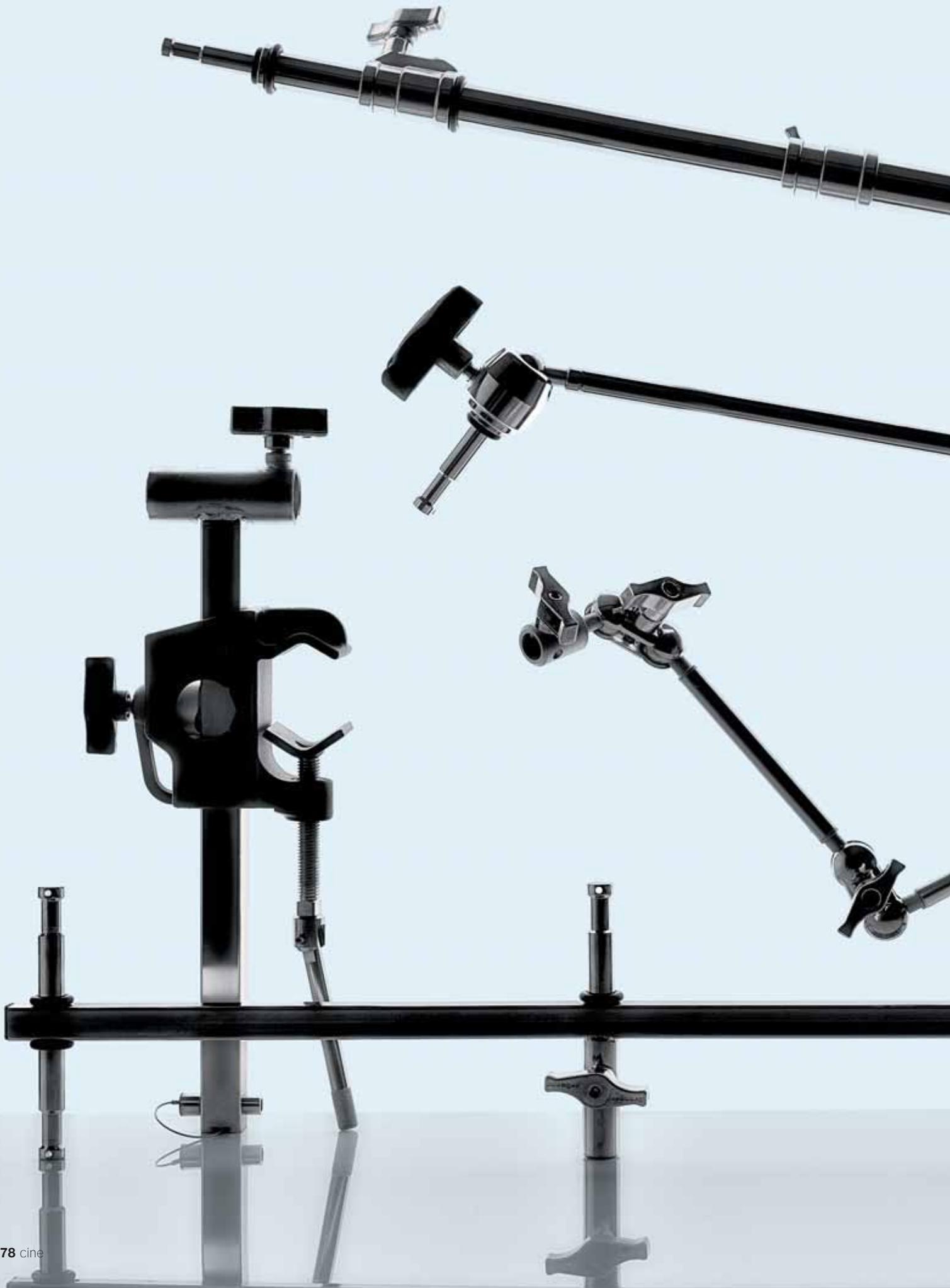
GRAB CLAMP WITH SPINNING PULLEY C339SP

- 1,65kg
- 150kg
- Pulley

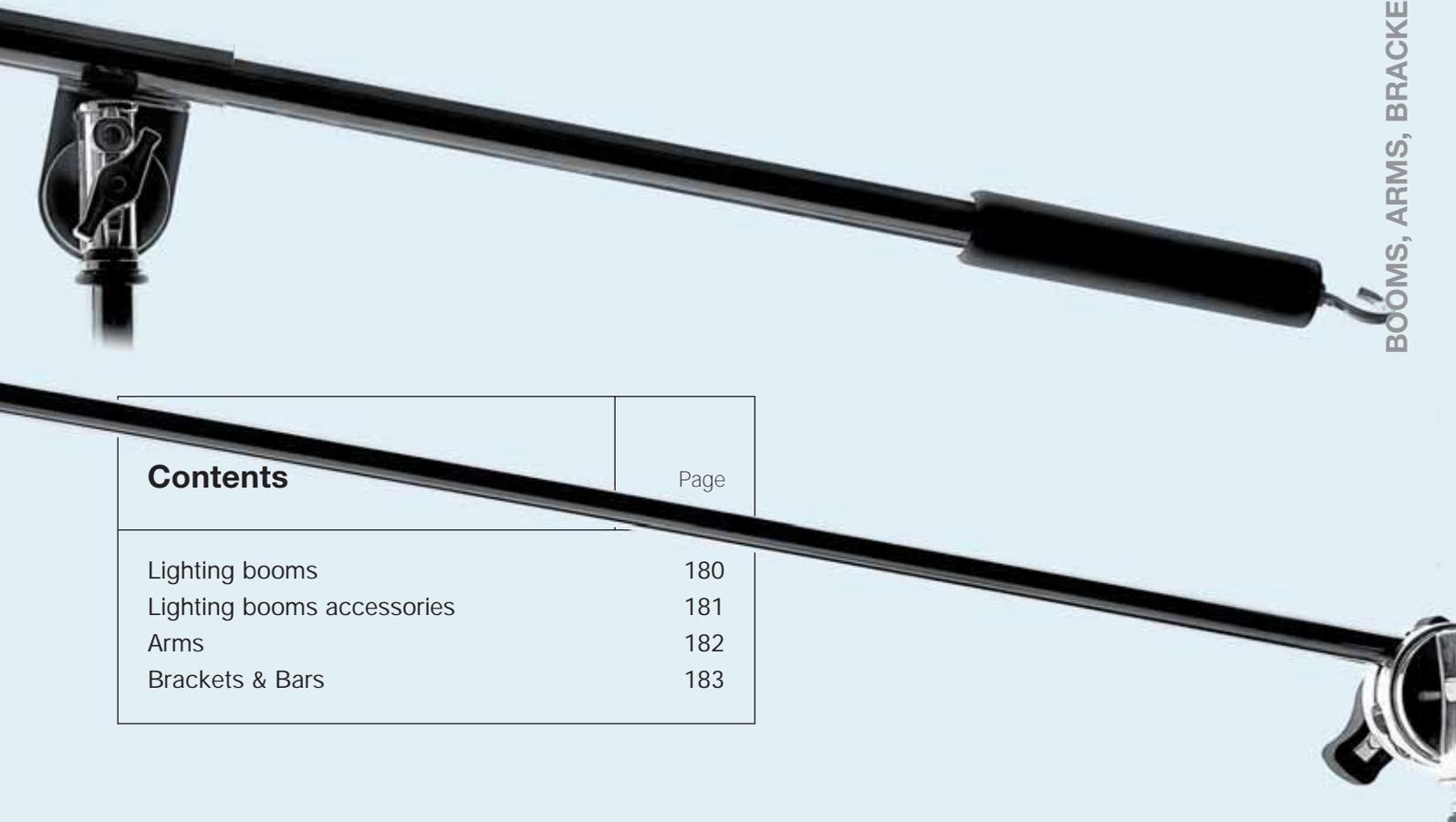
Fitted with a 100mm diameter pulley to offer a quick and robust hanging point for TV and theatre sceneries.

AVENGER





Avenger booms, articulated arms, multi-positioning arms and adapters, when used in conjunction with stands or clamps, allow accurate positioning of lighting and effects, assuring the typical practicality, robustness and flexibility of Avenger products.



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Boom arms allow you to position your lights in the most difficult positions.

Strong steel counterweighted for smoothness of operation and stability.



EXTENSION ARM WITH SWIVEL PIN D570 [ⓑ]

 1,1kg  Type 33

Arm Length: 91cm
16mm female stand attachment.

AVENGER



MINI BOOM D600 [ⓑ]

 3,6kg  Type 33

Min extension 117cm-Max load 30kg.
Max extension 212cm-Max load 7kg.
16mm female stand attachment.

AVENGER



JUNIOR BOOM ARM D650

 14,8kg  Type 34

Min extension 163cm-Max load 40kg.
Max extension 300cm-Max load 10kg.
28mm male stand attachment.

AVENGER





MINI COUNTER WEIGHT 172



1,3kg



G-PESO 022



6,7kg

L-PESO 023 Not illustrated



4,3kg





BABY TRIPLE HEADER 5 X 16MM PIN & 16MM SOCKET F900



1,3kg

Length: 650mm

AVENGER



COLUMN ARM F1200



3,1kg



10kg



Type 33



28mm

Length: 51cm

AVENGER



JUNIOR ADJUSTABLE SIDE ARM-28MM SOCKET F200



2,1kg

Length: 41cm

AVENGER



BABY OFFSET ARM/TWIN 16MM PIN & 16MM SOCKET F600



0,7kg

Length: 38cm

AVENGER



BABY SIDE ARM TWIN 16MM PIN F700



2,1kg

Length: 38cm

AVENGER



JUNIOR OFFSET ARM-28MM PIN & 28MM SOCKET F100



1,5kg

Length: 50cm

AVENGER



FIXED BABY SIDE ARM C330



1,37kg 20kg Type 33

Clamps on diameters from 48mm to 52mm.
Length: 44cm.

AVENGER



FIXED JUNIOR SIDE ARM C335



1,42kg 20kg 28mm

Clamps on diameters from 48mm to 52mm.
Length: 47cm.

AVENGER



SNAP IN ARTICULATED ARM D301



0,63kg 0,35kg

Length: 78cm.

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ARTICULATED ARM WITH SPRING CLAMP D300



0,85kg 0,25kg

Length: 91cm.

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ARTICULATED ARM WITH HEXAGONAL END D306 Not illustrated

Similar to the D301 but with a hexagonal attachment at one end and a 16mm pin at the other.

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MINI-FLEX ARM D310



0,09kg

Flexible arm, Ø 10mm. Length: 11cm.
Attachment bushing and stud 6mm diam.

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MAXI-FLEX ARM D315



0,16kg

Flexible arm, Ø 15mm. Length: 12,5cm.
Attachment bushing and stud 10mm diam.

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When you need to hold a light, panel or accessory but the available surface is flat as a mirror, with no way to clamp to it, we still provide a solution: a complete system of plates equipped with standard pins and bushings or a suction pump cup for stunning bonds to glass surfaces.

Contents	Page
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PUMP CUP WITH 16MM BABY SWIVEL SPIGOT F1000



1,1kg



2kg



Type 33

Ideal for mounting small lights and camera systems onto flat, non-porous surfaces such as glass. A perfect tool for rigging car shoots

AVENGER



PUMP CUP WITH 16MM BABY FIXED SPIGOT F1100



0,7kg



2kg



Type 33

Like the F1000, but with a fixed baby pin for added stability.

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BABY PLATE WITH 90° PIN F809

-  0,65kg
-  16mm

When a light stand or a clamp cannot be used to support fixtures, this baby plate with a right angle can be mounted on the wall.



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JUNIOR WALL PLATE F300

-  0,68kg
-  28mm

A wall plate with a junior receiver to mount larger fixtures.



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BABY PLATE WITH 16MM SWIVEL SPIGOT F810

-  0,8kg
-  Type 33

Unique to the Avenger line, this baby plate allows fixtures to be fine-tuned with the built in swiveling baby pin.



AVENGER

3" BABY WALL PLATE F800

-  0,4kg
-  16mm

Baby plates allow for the quick mounting of fixtures in places where light stands and clamps cannot be used. Length: 3".



AVENGER

BABY PLATE "T" PIN F815

-  0,94kg
-  Type 33

Height: 38cm.



AVENGER

6" BABY WALL PLATE F805

-  0,72kg
-  16mm

Baby plates allow for the quick mounting of fixtures in places where light stands and clamps cannot be used. Length: 6".



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9" BABY WALL PLATE F808

-  0,85kg
-  16mm

Baby plates allow for the quick mounting of fixtures in places where light stands and clamps cannot be used. Length: 9".



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All Manfrotto products provide for a high level of customization, thanks to a wide range of accessories like wheels, swivelling joints and adapters that can accept any lighting fixture, in order to match any requirement.

Contents

CABLE CLIPS
CABLE GRIPS
WHEELS
16MM FEMALE ADAPTERS
16MM MALE ADAPTERS
28MM MALE ADAPTERS
SPECIAL ADAPTERS
SUPER CLAMP ADAPTERS
SWIVELLING ADAPTERS
STAND ATTACHMENTS



LARGE CABLE CLIP 093



0,03kg

Clamps on Ø: 28mm to 40mm.
Allen key not supplied.
Set of four.



CABLE CLIP 206



0,02kg

Clamps on Ø: 25mm to 28mm.
Allen key not supplied.
Set of four.



SMALL CABLE CLIP 064



0,02kg

Clamps on Ø: 18mm to 26mm.
Allen key not supplied.
Set of four.



MINI CLIP 178



0,02kg

Set of four clips for maximum
thickness of 6mm.



ADJUSTABLE MINI CLIP 201



0,03kg

Mini clip to hold light panels
from 0mm to 12.5mm thickness.
Adjustable from: 0mm to 12.5mm.
Set of four clips.



CABLE GRIPS 371

Set of ten Cable Grips.
Self-gripping double-sided velcro strips for wrapping
and storing cables of any type and length.
Cable Grip is fast, sure, reusable, and dirt-resistant.

Available in the following sizes and colours:

COLOURS: Black (B), Red (R), Yellow (Y), Blue (BL) and White (W)

SIZE (cm.)

2.5 x 15 (2515)	4.0 x 40 (4040)
2.5 x 25 (2525)	4.0 x 60 (4060)
2.5 x 40 (2540)	4.0 x 90 (4090) (Set of 5 Cable Grips.)

Order code

To order, combine product code, colour code and size code.

For example: 371B - 4060 Black Cable Grip 4,0 x 60 cm.



STAND HOLDER 027



2,8kg

Holder for 8 light stands.
Width: 115cm.
Distance between fixing holes: 64.4cm.
Depth: 19cm.



CASTER WHEEL SET 017

0,45kg 10kg

Caster wheel set for stands with legs Ø: 19mm. Set of three.



CASTER WHEEL SET 018

0,54kg 10kg

Caster wheel set for stands with legs Ø: 22mm. Set of three.



WHEEL SET 104

1,5kg 75kg

Ø: 75mm with brakes and M10 attachment. Set of three.



WHEEL SET 110

1,7kg 75kg

Ø: 75mm with brakes and adapter for legs Ø: 22mm. Set of three.



WHEEL SET 109

1,43kg 60kg

Ø: 80mm without brakes and adapter for legs Ø: 22mm. Set of three.



WHEEL SET 103

1,24kg 60kg

Ø: 80mm without brakes, with M10 attachment. Set of three.



WHEEL SET 104G

3kg 100kg

Ø: 100mm with brakes and M10 attachment. Set of three.



WHEEL SET 110G

3,2kg 100kg

Ø: 100mm with brakes and adapter for legs Ø: 22mm. Set of three.



WHEELS FOR SUPER WIND UP 251

4,5kg 100kg

Ø: 125mm with brakes. Set of three.



BRAKED WHEEL A9000 B

3,3kg 90kg

Ø: 100mm for 25 x 25mm square legs. Set of three.

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WHEELS FOR SUPER WIND UP 374

7,2kg 300kg

Ø: 160mm with brakes. Set of three.

WHEELS FOR WIND UP 374-10 Not illustrated

7,2kg 300kg

Ø: 160mm with brakes and M10 attachment. Set of three.

All measurements shown are metric unless otherwise stated.

1/4" Indicates an external thread or stud diameter

● Metric ● Imperial

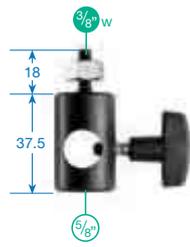
1/4" Indicates an internal thread or socket diameter

● Metric ● Imperial

W : Whitworth thread

16MM FEMALE ADAPTERS

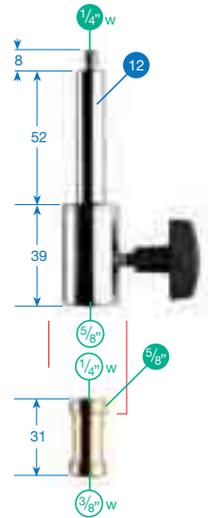
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016



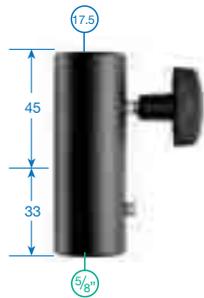
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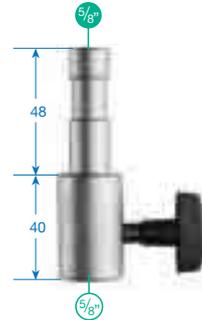
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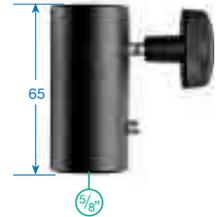
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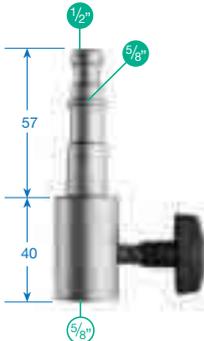
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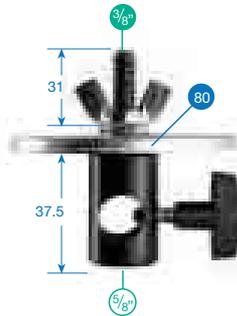
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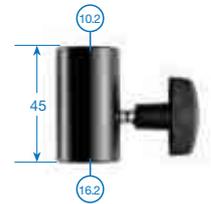
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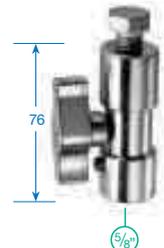


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E390

AVENGER

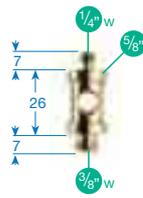


16MM MALE ADAPTERS

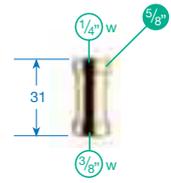
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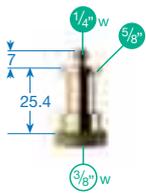
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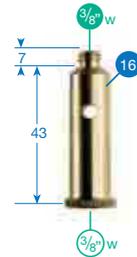
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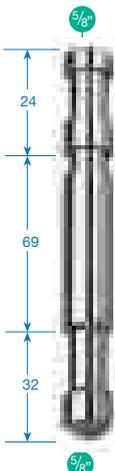


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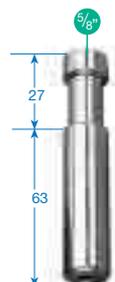
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AVENGER



E300

AVENGER



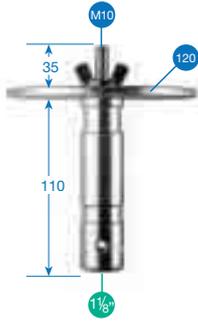
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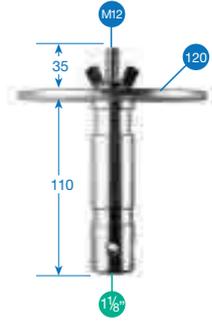


28MM MALE ADAPTERS

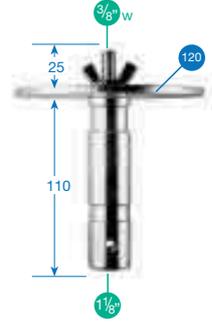
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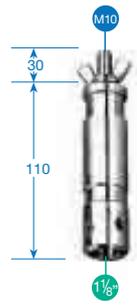
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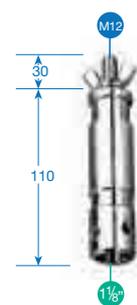
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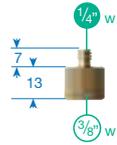
E200

AVENGER



SPECIAL ADAPTERS

015



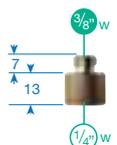
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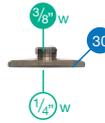
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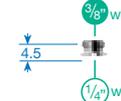
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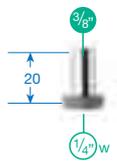
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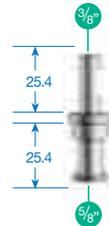
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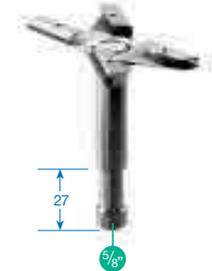


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C1000

AVENGER



C1005

AVENGER



C1100

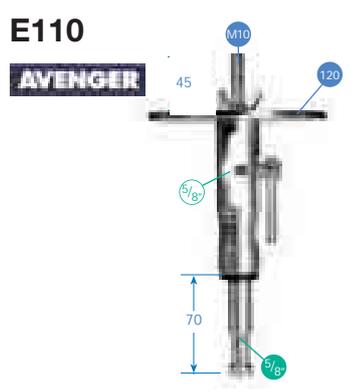
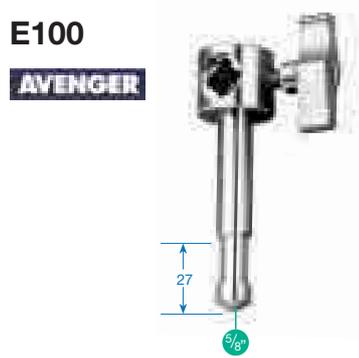
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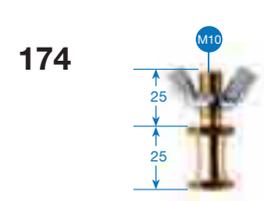
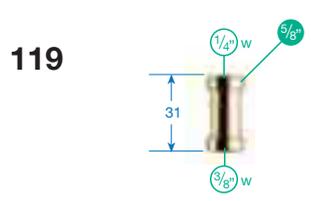
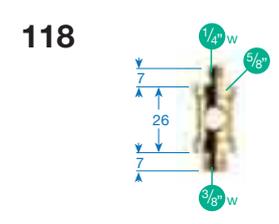
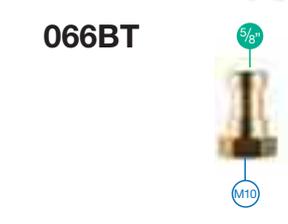
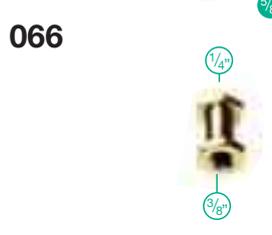
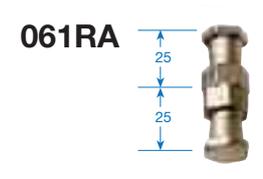
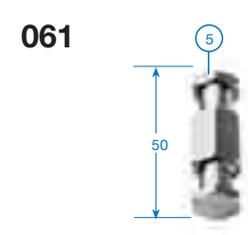
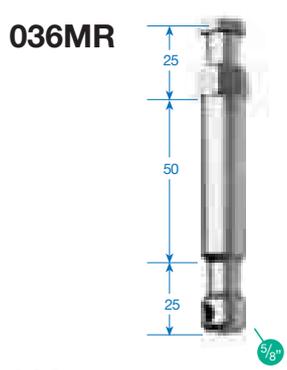
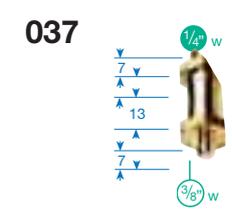
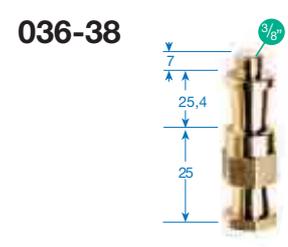
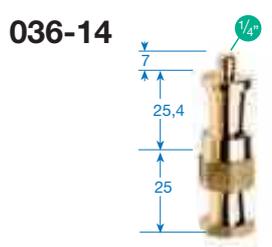
D350

AVENGER





SUPER CLAMP ADAPTERS



SWIVELLING ADAPTERS

F820

AVENGER



F820RH

AVENGER



F820TH

AVENGER



F825

AVENGER



F825RH

AVENGER



F825TH

AVENGER



F830

AVENGER



F830RH

AVENGER



F830TH

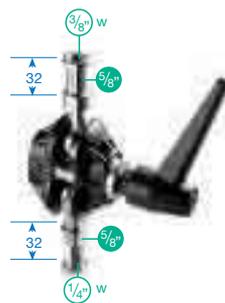
AVENGER



155



155BKL

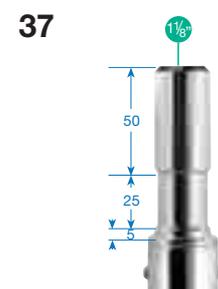
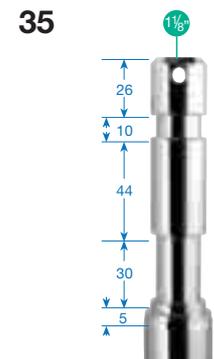
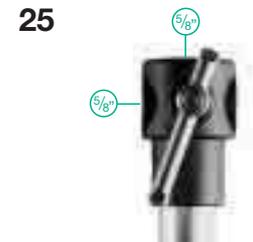
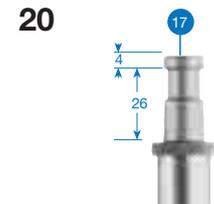
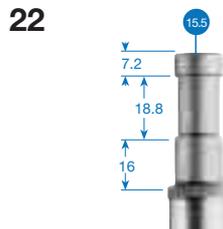
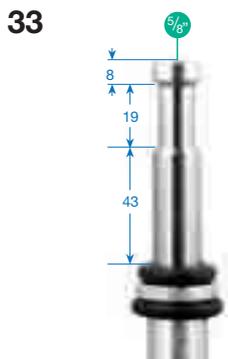
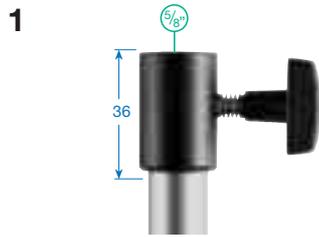


026



This type number refers to the spigot and socket variants shown in product specifications.

STAND ATTACHMENTS



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Cover image by Roberto Bigano/Multistudio: Bugatti Coupè Atalante SC

"In the dark, lit by the butterfly textile, Atlante is a dazzling vision. Atlante is very difficult to light, so I had to use all my experience and Manfrotto and Avenger range of accessories to point out its shape. Among my photos, this is the one that most thoroughly represents the concept of lighting control".

Product photography: Roberto Bigano/Multistudio
Concept: Claim adv

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ISSUE CODE LCAT06,G ISSUE NUMBER N°1 - 01/06