







Manfrotto is a worldwide market leader in the design, production and distribution of professional supports for the imaging industry, with a particular expertise in the sectors of photography, video, cinematography and entertainment. Founded in 1972 and based on Lino Manfrotto's experience in the field, the company's mission has always been to support and simplify the work of reporters, photographers and producers.

## An all-Italian history and tradition

At the end of the 60's Lino Manfrotto was a photo reporter in Bassano del Grappa for Il Gazzettino and Il Giornale di Vicenza.

He was also engaged in industrial and advertising photography.

The photographer's studio equipment was cumbersome and heavy and did not facilitate the work of professionals. The market offered a wide range of studio flash-units and quartz illuminators, but completely neglected basic accessories such as stands, booms and clamps.

Thus, with the help of a collaborator, Lino Manfrotto realized his first products, including a light and sturdy lamp stand, that was finally high enough.

For a couple of years he produced just a few pieces to meet the needs

distributor.
The garage became a production workshop. Just there, the first Manfrotto booms, telescopic rods and other stands were manufactured. He soon realized that the production capacity was insufficient to address all the orders from customers.

of his photographer friends. Later, he decided to present them on an international level, obtaining his

first significant order from a Swiss

#### The 70's

In 1972 Lino Manfrotto met Gilberto Battocchio, a technician working for a Bassano mechanical firm.

The commercial and product soul had met his technical counterpart. It was an all-important moment.

Battocchio's arrival turned Lino's products into three-dimensional solutions. The two made a great team, and within just a few short years they had created a leading enterprise on a world level.

In 1974 the first Manfrotto tripod was launched. Innovative, light and versatile, Manfrotto tripods and stands achieved success in many markets. Articles such as the Superboom, Autopole®, and Superclamp® became an important part of every photographic studio all over the world

#### The beginning of Avenger

In 1988 the Avenger brand was established and started production in Feltre, responding to the needs of photo and cine markets. Avenger range of products, including stands, clamps, grips, light modifiers and accessories have s been designed in consultation with key cine industry professionals delivering the right combination of quality and performance to meet the exacting demands of the motion picture industry.

Our products are built tough, to withstand extreme use whether in the studio or on location including, rough atmospheric conditionss. Avenger grip's mission is to be your "problem solver" our well known products Strato Safe and, Long **John Silver** are just 2 examples of items designed and built to meet a specific need of the industry. Safety is a No1 priority at Avenger, our world class research and development team ensures our products meet and exceed the internationally recognised safety standards such as DIN 56950, TÜV, ISO9001 and ISO14001. Service to our customers both before and after sales is essential. We have a worldwide network of distribution partners supporting you from the selection of products through to providing spare parts when required.

We hope you find this catalogue a useful tool and remind you to visit our web site at www.avengergrip.com for the latest updates on products.

At Avenger our primary concern is to make the highest quality, most reliable and safest products for you to use. As such we embrace several different quality assurance regiems TÜV, DIN & CE. These acreditations are your guarantee that our products meet and exceed the most exacting tests for safety and reliability.

**TÜV SÜD** Certification Mark assures quality. Within our collection you will notice some products that are certified with TÜV SÜD.

TÜV SÜD is a globally recognised, leading independent product Certification Body, providing minimum performance standards, certification and approval schemes for a wide range of products whether mandatory or voluntary. TÜV SÜD's distinctive blue octagon mark is instantly recognised everywhere as a symbol of quality and safety. We have chosen to have our

We have chosen to have our product tested for compliance with the technical requirements of their voluntary standards, it is important to note that TÜV regularly updates the standards and we recheck our equipment for complicance, making modifications as and when required. Our commitment to your safety never diminishes and is a key differentiator of the Avenger brand from others in the market.

As company we also comply to the **DIN 56950**.

This safety standard applies to machinery and machinery installations used in places of assembly and in staging and production facilities for events and theatrical productions (stage machinery, for short).

Such facilities include: theatres, multipurpose halls, exhibition halls; film, television and radio studios.

All Avenger products are designed, engineered and made in Italy.







Aluminum and Steel versions available. Alu Stand for lightness and steel stand for robustness and durability.



Levelling leg available in all the stands for ease of use on all different floor types. A fundamental feature for outdoor applications.



All the components are assembled using bolts (no rivets) for extra rigidity and easy maintenance if required.



Captive handle: thanks to this special machining on the threads, it is impossible to loose the handle even if completely unscrewed.



Captive collars: thanks to a special design, even if the user unscrews the locking nut, of this component the inner alu insert and dedicated machining of the tube does not allow for the column to separate.



Storing Device: this clever component permits easy and safe storage during transportation or in the warehouse.



Mobile Column: thanks to the double handles on the spider casting, the stand becomes more stable when lowering the central column on to the ground.



Dedicated design of the collars. It avoids any fingers pinching.



All the bases are made of square tubes in order to guarantee the best stability.



Welded spigot (steel version) guarantees the highest mechanical performance and reliability during the products working life.

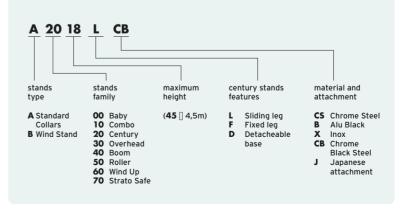


All the strategic aluminum components which have to guarantee safety of the product are made using the Gravity Casting technology. This process excludes any possibility of having air bubbles getting into the casting.



All the aluminum columns are assembled using electro-welded tubes. These components offer a higher stress resistance (bending and breaking) compared with the traditional extruded tubes.







#### **DETACHABLE / TURTLE BASE**

#### A2016D C-STAND 16 DETACHABLE

CHROME FINISH VERSION

 $\downarrow$ 84cm 155cm 84cm 33.1in 61in • 10kg 22lb 28mm 1" 1/8 16mm 5/8"

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

#### A2016DCB

C-STAND 16 DETACHABLE **BLACK CHROME FINISH VERSION** 

#### A2022D C-STAND 22 DETACHABLE CHROME FINISH VERSION

 $\downarrow$ 222cm 87.4in 110cm 43.3in 5,9kg 13lb 28mm 1" 1/8 16mm 5/8"

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

A2022DCB C-STAND 22 DETACHABLE BLACK CHROME FINISH VERSION

#### A2030D C-STAND 30 DETACHABLE

CHROME FINISH VERSION  $\mathbf{A}$ **(1)** 300cm 118.1in 134cm 52.8in 95cm 37.4in 

## 28mm 1" 1/8 16mm 5/8" Chrome plated steel stand. 3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 25mm. C-STAND 30 DETACHABLE BLACK CHROME FINISH VERSION

#### A2018F C-STAND 18 C-STAND 25 C-STAND 33 CHROME FINISH VERSION CHROME FINISH VERSION CHROME FINISH VERSION $\downarrow$ 0 0 0 84cm 175cm 84cm 95cm 33.1in 68.9in 33.1in 37.4in 110cm 253cm 110cm 95cm 43.3in 99.6in 43.3in 37.4in 5kg 11lb 134cm 328cm 134cm 95cm 5,5kg 52.8in 129.1in 52.8in 37.4in 12.1lb • 0 16mm 5/8" 8kg 17.6lb 16mm 5/8" 10kg 22lb 10kg 22lb Chrome plated steel stand.



#### A2018L A2025L C-STAND 18 SLIDING LEG CHROME FINISH VERSION CHROME FINISH VERSION

 $\mathcal{A}$ 0 175cm 84cm 95cm 4,3kg 68.9in 33.1in 37.4in 9.5lb • 16mm 5/8" 8kg 17.6lb

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

#### A2018LCB C-STAND 18 SLIDING LEG BLACK CHROME FINISH VERSION

A2018LJ C-STAND 18 SLIDING LEG CHROME FINISH JAPANESE VERSION\*

A2018LJCB C-STAND 18 SLIDING LEG BLACK CHROME FINISH JAPANESE VERSION\*

## C-STAND 25 SLIDING LEG

 $\mathbf{A}$ (i) 253cm 110cm 95cm 5,8kg 99.6in 43.3in 37.4in 12.8lb

0 10kg 22lb 16mm 5/8"

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

## A2025LCB

C-STAND 25 SLIDING LEG BLACK CHROME FINISH VERSION

#### A2025LJ C-STAND 25 SLIDING LEG CHROME FINISH JAPANESE VERSION\*

A2025LJCB C-STAND 25 SLIDING LEG BLACK CHROME FINISH JAPANESE VERSION\*

#### A2033L C-STAND 33 SLIDING LEG CHROME FINISH VERSION

禾  $\mathbf{A}$ The state of the s 328cm 134cm 95cm 5,5kg 129.1in 52.8in 37.4in 12.1lb

10kg 22lb 16mm 5/8"

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

## A2033LCB

C-STAND 33 SLIDING LEG BLACK CHROME FINISH VERSION

## A2033LJ

C-STAND 33 SLIDING LEG CHROME FINISH JAPANESE VERSION\*

## A2033LJCB

C-STAND 33 SLIDING LEG BLACK CHROME FINISH JAPANESE VERSION\*

\* Please note: the Japanese versions of the stands have a 17,5mm female

# CENTURY STANDS





C-STAND COLUMN 14

C-STAND COLUMN 14

BLACK CHROME FINISH VERSION

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

CHROME FINISH VERSION

68cm 139cm 2,2kg 16mm 26.8in 54.7in 4.9lb 5/8"

A2014CB

## BASE A2009 C-STAND BASE CHROME FINISH VERSION 27cm 95cm 2,7kg 28mm 10.6in 37.4in 6.6lb 1"1/8 A2009CB C-STAND BASE BLACK CHROME FINISH VERSION C-STAND MINI BASE CHROME FINISH VERSION 27cm 95cm 2,7kg 28mm 10.6in 37.4in 6.6lb 1" 1/8 A2007CB C-STAND MINI BASE **BLACK CHROME FINISH VERSION**

C-STAND COLUMN 29

118cm 285cm 3,3kg 16mm 28mm 46.5in 112.2in 7.3lb 5/8" 1" 1/8

C-STAND COLUMN 29

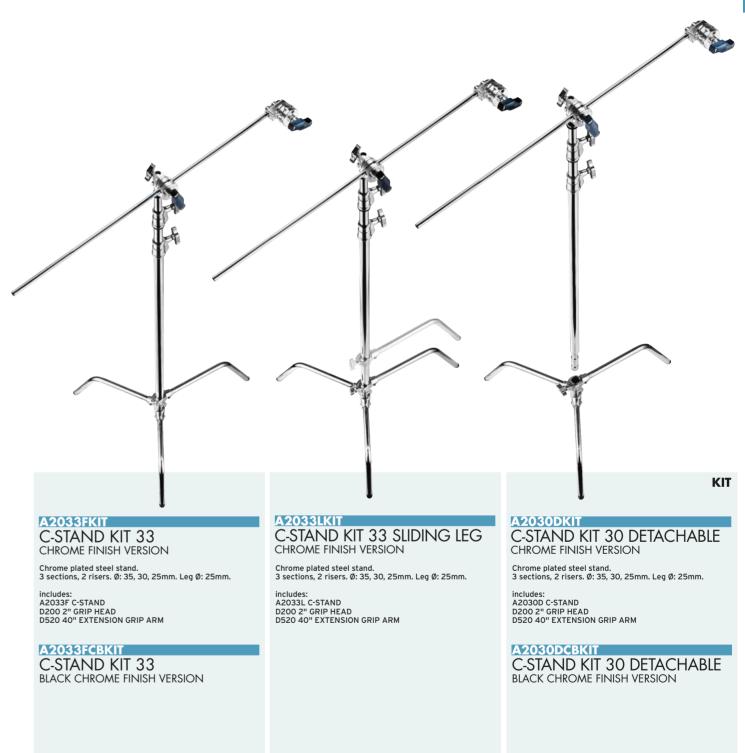
BLACK CHROME FINISH VERSION

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

CHROME FINISH VERSION

A2029CB

# **COLUMN**



of the stands have a 17,5mm female top attachment

\* Please note: the Japanese versions 17.5mm

- (1)

#### C-STAND COLUMN 20 CHROME FINISH VERSION

95cm 206cm 2,8kg 16mm 37.4in 81.1in 6.2lb 5/8"

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

#### A2020CB

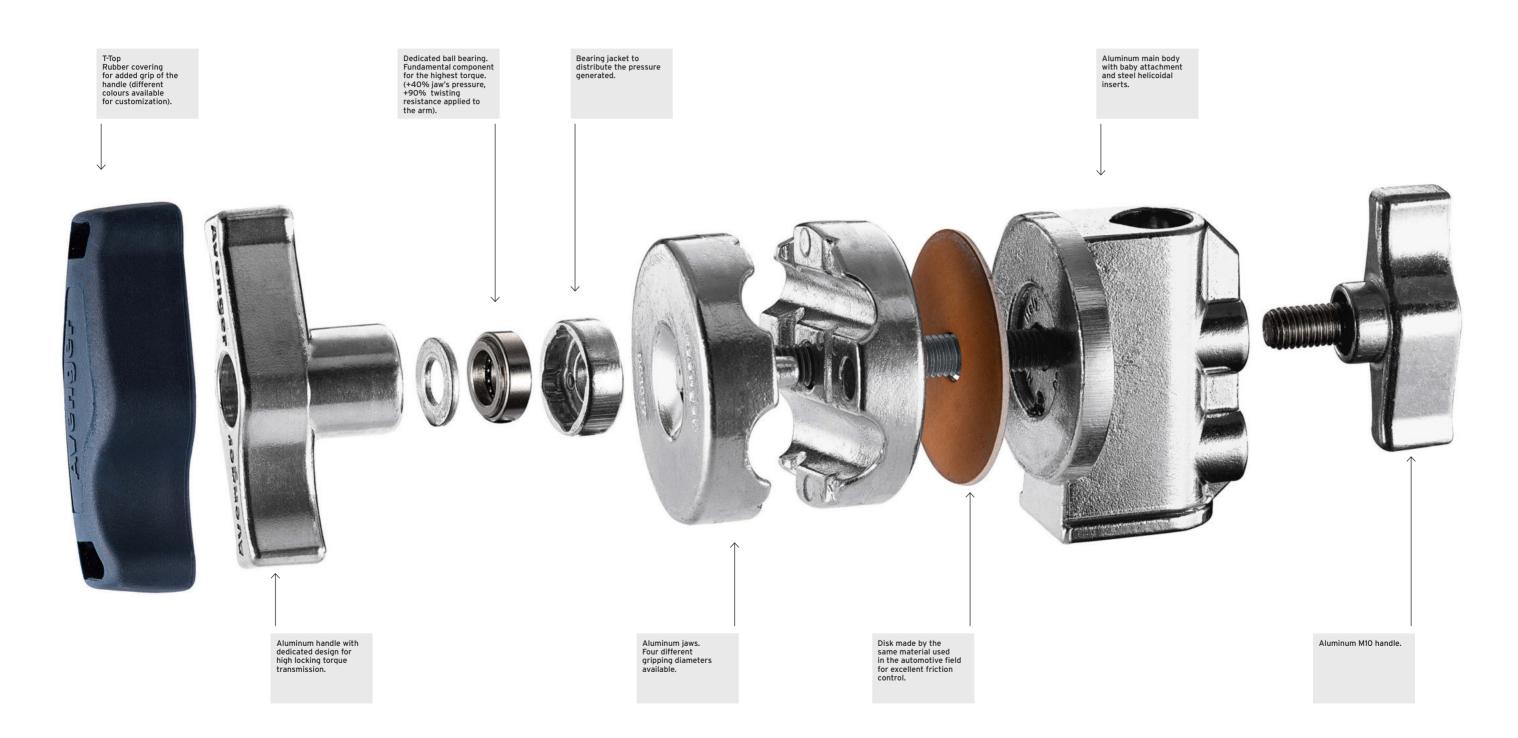
C-STAND COLUMN 20 BLACK CHROME FINISH VERSION

#### A2020JCB

C-STAND COLUMN 20 BLACK CHROME FINISH JAPANESE VERSION\*

# CENTURY **STANDS** ACCESSORIES

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 the Jumbo version is 4".



## **STANDS** ACCESSORIES



0,55kg 1.2lb

Super Clamp.

0

16mm 5/8"

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. Connect with E600 snap-in pin or

E600C snap-in pin to attach to the original

2"1/2 GRIP HEAD

BLACK FINISH VERSION









#### 2"½ GRIP HEAD SNAP-IN GRIP HEAD JAPANESE VERSION



0,75kg 17,5mm 1.7lb

Combining the muti-functional D200 Grip Head with a 17,5mm pin to interface with the Japanese attachment. The D210J allows you to hang flags and scrims in positions that light stands can't reach.

SNAP-IN GRIP HEAD

**BLACK JAPANESE VERSION** 

SUPER CLAMP **GRIP HEAD** 



This kit includes the D200B Grip Head and the Avenger C1575B Super Clamp.

#### D220 GRIP HELPER

for numerous light stands.



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

## 20" EXTENSION GRIP ARM



Normally used in combination with a Grip Head (art. D200) it provides an extended grip point for scrims and flags. Pipe length 51cm (20").

D500B 20" EXTENSION **GRIP ARM BLACK FINISH VERSION** 

#### D520 40" EXTENSION GRIP ARM



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 102cm (40").

## 40" EXTENSION **GRIP ARM BLACK FINISH VERSION**





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 102cm (40"). It includes D200 Grip Head.

D530LB 40" EXTENSION ARM AND GRIP HEAD (D200B) **BLACK FINISH VERSION** 



## **GRIP KIT**

SET OF 6

**BLUE T-TOPS** 

T-handles, even in cold weather.

Rubber cover gives better grip for 80mm

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.



## **GRIP HEAD** WITH SWIVEL PIN

Two famous accessories connected

together to assure a wide range

16mm male pin + 16mm female socket 28mm male pin.



of fixing solutions.

Attachments:

A combination of two sets of Grip Head discs mounted

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0,87kg 1.9lb



#### AVCSA1301B TRIPLE C ROLLER CASE FOR DETACHABLE C STAND AND **ACCESSORIES**



Internal Size height width lenght 19cm/ 13.8in 35cm/ 7.5in 120cm/ 47.2in

External Size 40cm/15.7in 28cm/ 11in 128cm/ 50.4in



## JUMBO GAG GOBO



allows for multiple overheads to be



## 4"1/2 JUMBO GRIP **HEAD**



• 2,35kg 28mm 28mm 5.2lb 1" 1/8 1" 1/8

Designed to convert a Junior Stand into an Overhead Stand, the D400 incorporates a 10mm (4" 1/2) Grip Head with a Junior

D400B 4"1/2 JUMBO GRIP **HEAD BLACK FINISH VERSION** 



## SNAP-IN PIN



Specifically designed to connect Grip Head to Super Clamp. Aluminum made











This unique double Grip Head system

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provides the flexibility of a second grip head allowing hundreds of uses including doubling up scrims and flags.

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16mm 5/8"

on a steel plate with a 10mm rod with a lenght of 13,5cm (5.3").

**DOUBLE GRIP HEAD** 

This double 10mm (4" 1/2) Grip Head used simultaneously.

STEEL VERSION





# BABY STANDS



#### A0010 BABY STAND 10

不  $\blacksquare$ 52cm 100cm 47cm 20.5in 39.4in 18.5in

• 2,5kg 5.5lb 15kg 33.1lb

Steel legs and aluminum risers, silver only. 3 sections, 2 risers. Ø: 35, 30, 25 mm. Leg: 20x20mm. 1 levelling leg.

STEEL BASE AND ALU COLUMN

A0010J

**BABY STAND 10** JAPANESE VERSION\*

Leg: 20x20mm. 1 levelling leg. \* Please note: the Japanese versions of the stands have a 17,5mm female

A0017

禾

0

3,4kg 7.7lb

BABY STAND 17

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Steel legs and aluminum risers, silver only.

3 sections, 2 risers. Ø: 35, 30, 25 mm.

73cm 75cm 28.7in 29.5in

 $\Box$ 

4kg 8.8lb

top attachment

82cm 175cm 32.3in 68.9in

17,5mm

**ALUMINUM** 



#### A0025B ALU BABY STAND 25

不 250cm 87cm 87cm 98.4in 34.3in 34.3in 0 • • 4kg 8.8lb 3kg 6.6lb 16mm 5/8"

Black aluminum stand. 3 sections, 2 risers. Ø: 35, 30, 25, 20mm. Leg: 20x20mm. 1 levelling leg.



#### A0030B **ALU BABY** STAND 30

承  $\overline{\lambda}$ 113cm 300cm 100cm 44.5in 118.1in 39.4in 100cm 39.4in 0 • 

3.5kg 7.7lb 10kg 22lb Black aluminum stand. 4 sections, 3 risers. Ø: 35, 30, 25, 20mm. Leg: 20x20mm. 1 levelling leg.

#### A0035B ALU BABY STAND 35

3.5kg 9kg 7.7lb 19.8lb

不  $\mathbf{A}$ 126cm 350cm 112cm 100cm 49.6in 137.8in 44.1in 39.4in •

Black aluminum stand. 4 sections, 3 risers. Ø: 35, 30, 25, 20mm. Leg: 20x20mm. 1 levelling leg.

#### A0030CS STEEL BABY STAND 30

禾  $\overline{A}$ 113cm 300cm 100cm 100cm 44.5in 118.1in 39.4in 39.4in 0 •

6kg 10kg 13.2lb 22lb 16mm 5/8" Chrome plated steel stand. 4 sections, 3 risers. Ø: 35, 30, 25, 20mm. Leg: 20x20mm. 1 levelling leg.

#### A0035CS STEEL BABY STAND 35 禾 $\blacksquare$ 126cm 350cm 112cm 49.6in 137.8in 44.1in 100cm 39.4in 0 •

A0040CS

7kg 9kg 15.4lb 19.8lb 16mm 5/8" Chrome plated steel stand. 4 sections, 3 risers. Ø: 35, 30, 25, 20mm. Leg: 20x20mm. 1 levelling leg.

## A0040B ALU BABY



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4kg 8.8lb



Black aluminum stand. 4 sections, 3 risers. Ø: 35, 30, 25, 20mm. Leg: 20x20mm. 1 levelling leg.

## A0045B **ALU BABY**



Black aluminum stand. 4 sections, 3 risers. Ø: 35, 30, 25, 20mm. Leg: 20x20mm. 1 levelling leg.

## A0040CS STEEL BABY



142cm 400cm 124cm 114cm 55.9in 157.5in 48.8in 44.9in 0 0 • 7,8kg 17.2lb 9kg 19.8lb 16mm 5/8"

Chrome plated steel stand. 4 sections, 3 risers. Ø: 35, 30, 25, 20mm.

Leg: 20x20mm, 1 levelling leg.

## A0045CS STEEL BABY



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Chrome plated steel stand. 4 sections, 3 risers. Ø: 35, 30, 25, 20mm. Leg: 20x20mm. 1 levelling leg.

**STEEL** 

## **STANDS**

#### A1020B ALU COMBO STAND 20





25kg 28mm 16mm A9000NB 55.1lb 1" 1/8 5/8"

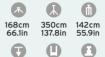
Aluminum legs with aluminum risers.

3 sections, 2 risers. Ø: 45, 40, 35mm. Leg: 25x25mm, 1 levelling leg.



(3)





30kg 28mm 16mm A9000NB 66.1lb 1" 1/8 5/8"

3 sections, 2 risers. Ø: 45, 40, 35mm. Leg: 25x25mm. 1 levelling leg.

STAND 35

ALU COMBO

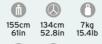
A1035B



(3)









28mm 16mm A9000NB 1" 1/8 5/8" 30kg 66.1lb

A1045B

ALU COMBO

STAND 45

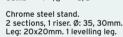
Aluminum stand. 4 sections, 3 risers. Ø: 45, 40, 35, 30mm. Leg: 25x25mm. 1 levelling leg.

#### **ALUMINUM**

#### A1010CS STEEL COMBO STAND 10







#### A1020CS STEEL COMBO STAND 20



16mm A9000N 5/8"

Chrome steel stand. 3 sections, 2 risers. Ø: 45, 40, 35mm. Leg: 25x25mm. 1 levelling leg.

35kg 28mm 77.2lb 1" 1/8

#### A1035CS STEEL COMBO STAND 35

<b>承</b>	$\mathbf{I}$	(ii)		C
Bcm 5.1in	350cm 137.8in	142cm 55.9in	134cm 52.8in	121 26.
Ð	•	•	3	
01	20	16	MODOONI	

Chrome steel stand. 3 sections, 2 risers. Ø: 45, 40, 35mm. Leg: 25x25mm. 1 levelling leg.

#### A1045CS STEEL COMBO STAND 45



Chrome steel stand. 4 sections, 3 risers. Ø: 45, 40, 35, 30mm. Leg: 25x25mm. 1 levelling leg.

#### STEEL

PRODUCTS BELOW ARE AVAILABLE AS OPTIONAL



#### A9000NB **BRAKED WHEELS BLACK FINISH VERSION**



Ø: 100mm for 20x20 and 25x25mm. Square legs. Set of three.

A9000N **BRAKED WHEELS** 



## 4"1/2 JUMBO **GRIPHEAD**

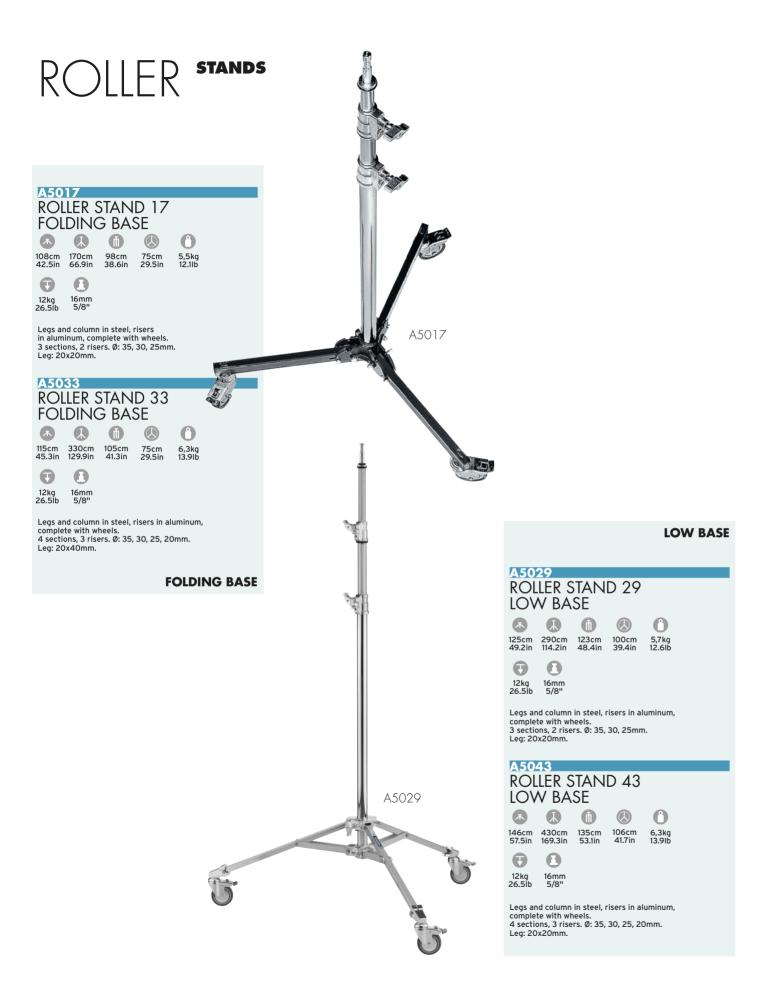


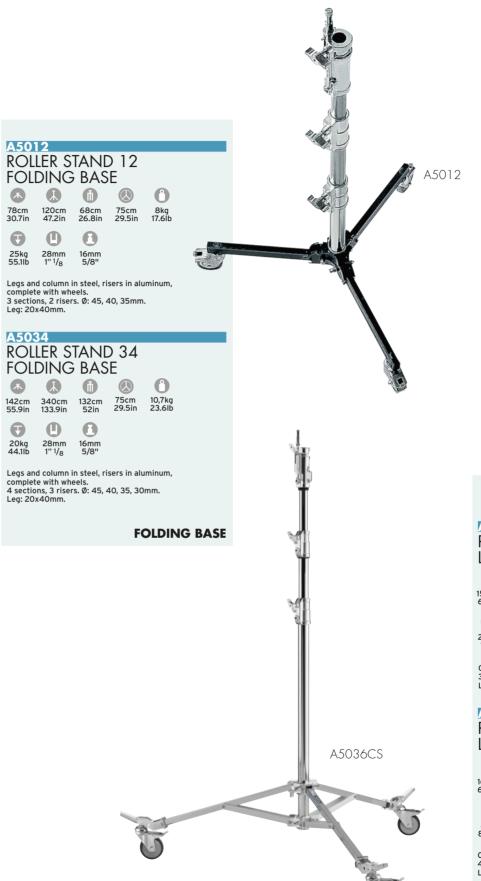
2,35kg 28mm 28mm 5.2lb 1" 1/8 1" 1/8

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.

D400B 4"1/2 JUMBO GRIP HEAD **BLACK FINISH VERSION** 







## **LOW BASE** A5036CS **ROLLER STAND 36** LOW BASE 0 156cm 360cm 130cm 140cm 13,6kg 61.4in 141.7in 51.2in 55.1in 30lb • 28mm 16mm 1" <sup>1</sup>/<sub>8</sub> 5/8" Chrome steel stand, complete with wheels. 3 sections, 2 risers. Ø: 45, 40, 35mm. Leg: 25x25mm. A5042CS **ROLLER STAND 42** LOW BASE 166cm 420cm 142cm 150cm 15,4kg 65.4in 165.4in 55.9in 59.1in 34lb • • 40kg 28mm 88.2lb 1" 1/8 Chrome steel stand, complete with wheels. 4 sections, 3 risers. Ø: 45, 40, 35, 30mm. Leg: 25x25mm.



## A4039CS STEEL BOOM STAND 39 131cm 392cm 113cm 109cm 8,4kg 51.6in 154.3in 44.5in 42.9in 18.5lb

• • 12kg 16mm 26.5lb 5/8"

Chrome steel stand. 4 sections, 3 risers. Ø: 35, 30, 25, 20mm. Leg: 20x20mm. 1 levelling leg.

## A4041B ALU BOOM STAND 41

139cm 413cm 124cm 129cm 4,6kg 54.7in 162.6in 48.8in 50.8in 10.1lb • •

10kg 16mm 22lb 5/8"

Supplied with sandbag counterweight (empty) for maximum stability and smoothness.
Black aluminum stand. Black aluminum stand. 4 sections, 3 risers. Ø: 35, 30, 25, 20mm. Leg: 20x20mm. 1 levelling leg. Min extension boom 113cm (44.5"). Max load 15kg (33.1lb).

Max extension boom 213cm (83.9"). Max load 5kg (11lb).



#### A4050CS STEEL BOOM STAND 50

 $\overline{\mathbf{A}}$ 188cm 500cm 165cm 135cm 15kg 74in 196.9in 65in 53.1in 33.1lb 30kg 28mm 16mm A9000N 66.1lb 1"1/8 5/8"

Chrome steel stand. 4 sections, 3 risers. Ø: 45, 40, 35, 30mm. Leg: 25x25mm.

I levelling leg.
Min extension boom 155cm (61"). Max load 30kg (66.1lb).
Max extension boom 266cm (10.7"). Max load 8kg (17.6lb).

PRODUCTS BELOW ARE AVAILABLE AS OPTIONAL



#### **BABY DROP** DOWN PIN

0 0

0,62kg 16mm 16mm 1.4lb 5/8" 5/8"

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 16mm pin.



0 0 

1,32kg 28mm 28mm 2.9lb 1" 1/8 1" 1/8

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



A9000NB BRAKED WHEELS BLACK FINISH VERSION

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Ø: 100mm for 20x20 and 25x25mm. Square legs. Set of three.

A9000N

**BRAKED WHEELS** 







## B6030CS LOW BASE WIND UP STAND 30

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

## B6039CS WIND UP STAND 39

181cm 370cm 201cm 142cm 24kg 71.3in 145.7in 79.1in 55.9in 52.9lb

T U 1
30kg 28mm 16mm 5/8"

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

# SUPER WIND UP STANDS



# STRATO SAFE STANDS



## STRATO SAFE STAND 18

175cm 126cm 120cm 27kg 68.9in 49.6in 47.2in 59.5lb 105cm 41.3in

• 100kg 28mm 220.5lb 1" 1/8

Aluminum legs with chrome steel column. Features braked wheels 2 sections, 1 riser. Ø: 70, 60mm. Leg: 35x35mm.

## STRATO SAFE CRANK-UP

190cm 610cm 225cm 213cm 71kg 74.8in 240.2in 88.6in 83.9in 156.5lb • •

70kg 28mm 154.3lb 1" 1/8

Aluminum legs with chrome steel column. Features braked wheels 5 sections, 4 riser. Ø: 90, 80, 70, 60, 50mm. Leg: 35x35mm.



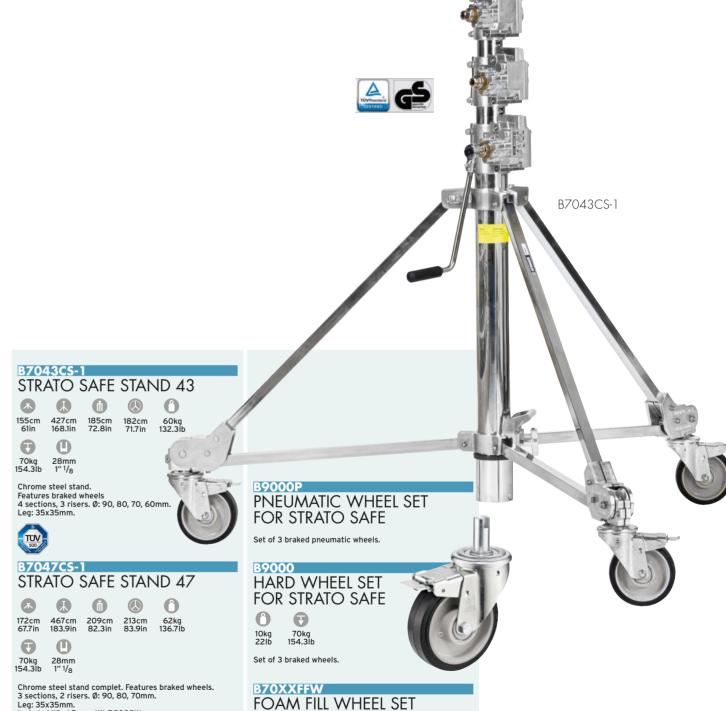
# STRATO SAFE CRANK-UP WITH PNEUMATIC WHEELS

201cm 621cm 236cm 213cm 93.4kg 79.1in 244.5in 92.9in 83.19in 205.9lb

0 70kg 28mm 154.3lb 1" 1/8

Aluminum legs with chrome steel column. Features braked wheels 5 sections, 4 riser. Ø: 90, 80, 70, 60, 50mm. Leg: 35x35mm.





Chrome steel stand complet. Features braked wheels. 3 sections, 2 risers. Ø: 90, 80, 70mm. Leg: 35x35mm. Included Wind Brace Kit B9000W.



FOR STRATO SAFE

Set of 3 foam fill wheels.





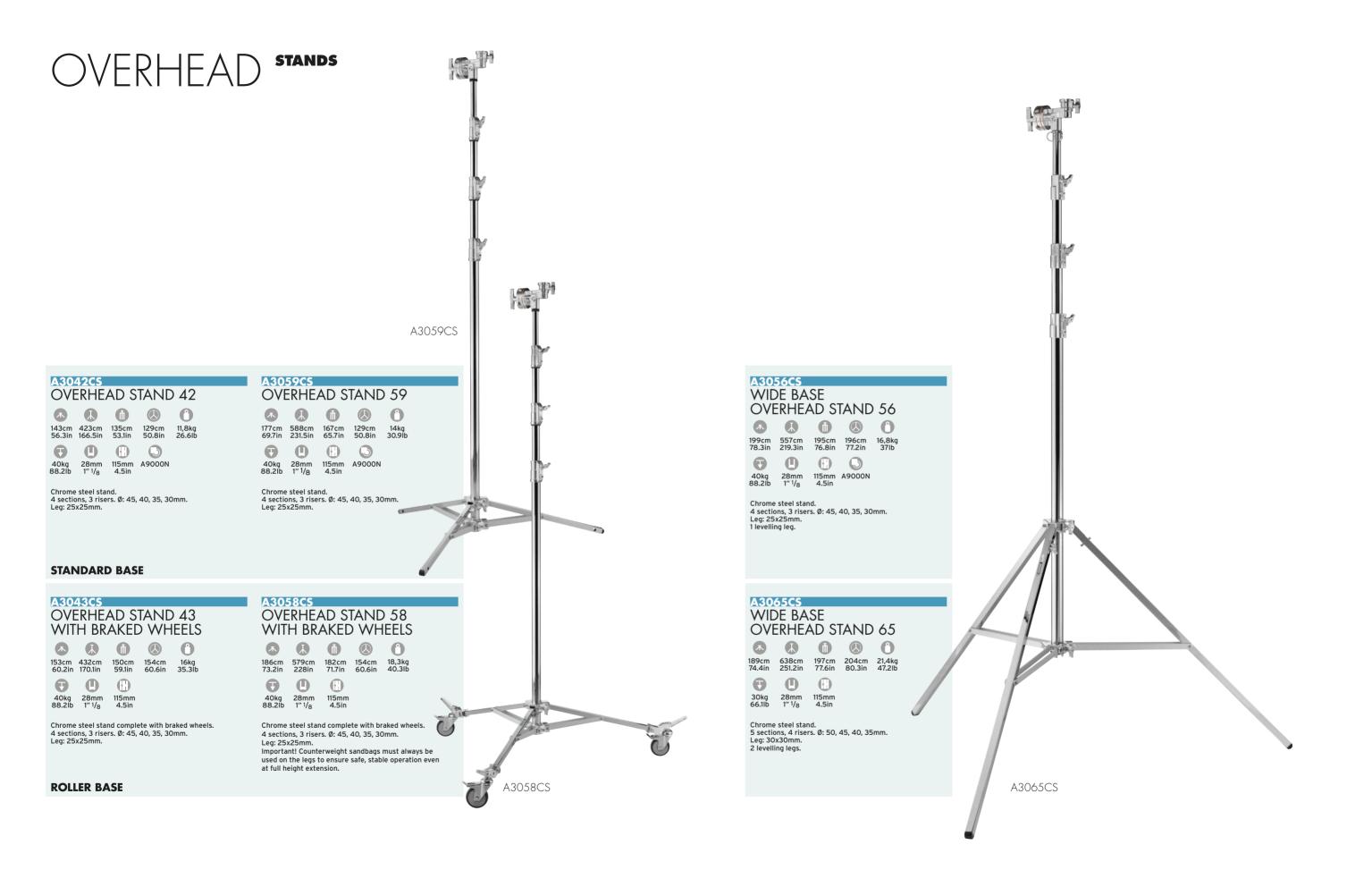


127cm 340cm 155cm 155cm 70kg 50in 133.9in 61in 61in 154.3lb

120kg 28mm 1" 1/8

Heavy duty stand. 4 sections, 3 risers.





# ACCESSORIES STANDS



Chrome lenght plated steel extension. Lenght 52cm (20.5").

1,89kg 28mm 16mm 28mm 4.2lb 1" 1/8 5/8" 1" 1/8



Chrome lenght plated steel extension.



1,59kg 28mm 16mm 28mm 3.5lb 1" 1/8 5/8" 1" 1/8 Chrome lenght plated steel extension.



STAND HOLDER



Holder for 8 light stands. Width: 115cm (45.3"). Distance between fixing holes: 64.4cm (23.4"). Depth: 19cm (7.5").



WIND-BRACING KIT

3 rope wind-bracing kit. Length: 10m (393.7"). Not supplied with the stand.



BRAKED WHEELS
BLACK FINISH VERSION



Ø: 100mm for 20x20 and 25x25mm.

Square legs. Set of three.

A9000N **BRAKED WHEELS** 





SMALL SAND BAG

0

6kg 13.3lb

G200-1 LARGE SAND BAG

0

10kg 22lb



EXTRA LARGE SAND BAG

0

35kg 77.2lb

\* Please note: sand bags are sold empty



## FABRIC SPECIFICATION

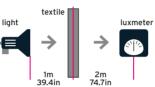
Fabric	Fabric width [meters]	Light loss [stops]	Scrims colour code
Black Commando (solid)	2	100%	
Black Single Net	7.32	0.7	
Soft Diffuser	1.5	2.5	
Soft Diffuser	1.5	1.8	
Silver / White	1.5	1.4	
Sunfire / Silver	1.5	100%	
Cromakey Green	1.3	100%	
Sunfire / White	1.5	100%	
Silver / Gold	1.1	100%	
Silk (artificial)	1.5	1.6	Yellow
Silk 1/4 Stop (scrim)	2.95	0.8	Blue
China Silk	1.36	1.2	Purple
Black Single (scrims)	7.32	0.8	Green
Black Double (scrims)	7.32	1.5	Red
Black Triple (scrims)	7.32	2.9	Black
White Single (scrims)	7.32	0.7	White
White Double (scrims)	7.32	1	Grey
White Triple (scrims	7.32	1.6	Brown

#### 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 20x20ft (600x600cm), with a fabric width of 2m (78.7"), 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 (8.7") from the light source and the butterfly textile halfway between them.







## 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, Avenger provides a complete Grip Head system. All textiles are also sold separately as spares in case your originals become damaged.

Fabric	Size (Inches) Size [cm]	12x18 30x45	18x24 45 x 60	24x30 60x75	24x36 60x90	30x36 75x90	48x48 120x120
Solid Black Flag		I 600B	I 650B	I 700B	I 750B	I 780B	I 1024
Black Single Scrim		-	I 650S	-	I 750S	-	I 790S
Black Double Scrin	n	-	I 650D	-	I 750D	-	I 790D
Black Triple Scrim		-	-	-	I 750T	-	-
White Triple Scrim		-	-	-	-	-	I 790TW
Silk (artificial) Scri	m	-	-	-	I 750K		I 790K



IMPORTANT: SPECIAL ORDER ONLY. DELIVERY FROM 8 TO 10 WEEKS.



#### 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. RI650K is the spare part cover for the item 1650K 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

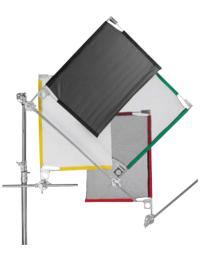
## COLLAPSIBLE SCRIMS AND FLAGS

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.

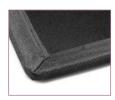
Fabric	Size [cm] Size (Inches)	30x45 12x18	45 x 60 18x24
Black Single Sc	rim	I 610S	I 660S
Black Double So	rim	I 610D	-
Silk (artificial)		I 610K	I 660K



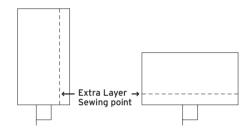
## FLOPPIES AND CUTTERS

Fabric	Code	Size [inches]	Size [cm]
Meat Axe Flag	I 1010	30x36	75x90
Cutter	I 1020	10x42	25x106
Cutter	I 1021	18x18	46x120
Floppy Cutter	I 1030	24x72	60x182
Floppy Cutter	I 1031	48x48	120x120

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 18x48".



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.

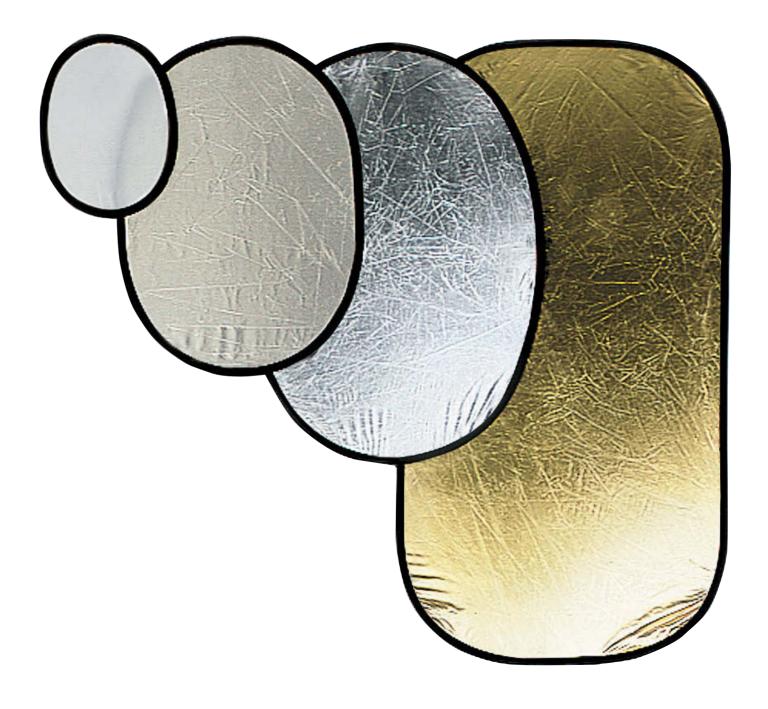
See drawing to understand where the extra layer is sewed on the frame.



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.

## **OVAL REFLECTORS**

Fabric	Size [inches] Size [cm]	48x35 120x90	73x48 185x120
Sunfire / White		-	16208
Silver / White		I 4831	
Silver / Gold		I 4834	-

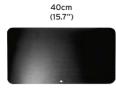




CAMERA **FLEXTENTION KIT** 

0 0,6kg 1.3lb

Flextension Arm, with 2 Mini Clamps, 3/8" Adapter, 10mm Socket Adapter, Black Plastic Flag.



25cm



**BLACK METAL FLAG** 

0 0,3kg 0.7lb

Thickness: 1mm (0.04").



50MM (2") POLYHOLDER WITH 16MM SPIGOT

0

2kg 16mm 4.4lb 5/8"

The polyholder has a 16mm (5/8") spigot. The "board" clamp has two sides, one white for the reflective side of the polystyrene; one black for the black lightstopping side. It doesn't damage the poly.
Plate dimensions: 150x220mm (5.9x8.7").



40MM (1.6") TELESCOPIC POLYHOLDER

0 0

2,5kg 15kg 16mm 5.5lb 33.1lb 5/8" Max size holding: 156cm (61.4").

Max size holding: 156cm (61.4").
Folded length: 91cm (35.8").
Polystyrene is one of the most widely used light bouncers,
but it's not the easiest material to handle.
Now our Polyholder gives you total control. It grips any
thickness, is telescopic to hold most full sheet sizes; then
just fixes into the lighting Grip Head D200 mounted on a
stand or clamp. What could be easier?



30MM (1.2") POLYHOLDER

0

0,8kg 16mm 1.8lb 5/8"

A foamcore support clamp to enable precise positioning. Mounts via a 16mm (5/8") socket.



FOAMCORE FORK 16MM PIN



0,25kg 16mm 0.6lb 5/8"

Similar to the F1501, but includes four pointed pins to mount thicker foam core or gator-board. Mounts via a 16mm (5/8") pin.



**FORK** 

0 0,14kg 0.3lb

Fork attachment for styrene gobos: supplied with 1/4" and 3/8" female attachment. Size 12.5x20cm (4.9x7.9").



FOR 40" REFLECTOR BOARD

0

2,5kg 16mm 5.5lb 5/8"

Will fit reflector board from 5mm (0.2") to 25mm (1") thickness. Board not supplied.



LONG COLLAPSIBLE REFLECTOR HOLDER



0,8kg 1.8lb

Long Extension Arm. Max Length: 185cm (72.8") - Min Length: 66cm (26").



COLLAPSIBLE REFLECTOR HOLDER

0 

0,7kg 1.5lb 16mm 5/8"

Extension Arm. Max length: 122cm (48") - Min length: 47cm (18.5").

## **BUTTERFLY TEXTILES**

Fabric	Size [cm] Size (feet)	120x120 4x4	240x240 8x8	360x360 12x12	600x600 20x20
Black Commando		-	-	-	I 930BL*
Black Single Net		-	-	I 920BSN	I 930BSN
Black Double Net		-	-	I 920BDN	I 930BDN
Silk (artificial)		-	I 915K*	I 920K*	I 930K*
Silk 1/4 Stop		-	-	I 920K4*	-
Soft Diffuser (Grid)		I 905SD	-	I 920SD*	I 930SD*
Soft Diffuser Light	(Light Grid)	-	I 915SDL*	I 920SDL*	I 930SDL*
Silver / White		-	I 915SW*	I 920SW*	-
White / Gold		-	-	-	I 930WG*
Sunfire / Silver		-	I 915SUS*	-	-
Cromakey Green		-	-	I 920CKG*	I 930CKG*

<sup>\*</sup> Textile obtained by sewing two or more pieces of fabric together.



## FOLD AWAY FRAME

Code	Frame Size [feet]	Frame Size [cm]	Tube Thickness [mm]	Frame Support	Transport Dimension [mm]	Weig [kg]
H2006	6x6	183x183	2	Ear Type 2	1915x150x30	6,6
H2008	8x8	244x244	2	Ear Type 2	2525x150x30	11,3
H2010	12x8	366x244	2	Ear Type 2	3740x150x30	14,4
H2012	12x12	366x366	2	Ear Type 2	3740x150x30	17,6



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!

## FOLD AWAY FRAME COMPACT

Code	Frame Size [feet]	Frame Size [cm]	Tube Thickness [mm]	Frame Support	Transport Dimension [mm]	Weight [kg]
H2508	8x8	244x244	2	Ear Type 2	1298x165x85	13
H2512	12x12	366x366	2	Ear Type 2	1905x165x85	16



FOLD-DOWN AND BRING UP Fold Away Compact is the evolution of the standard version. A locking mechanism allows the frame to be folded even smaller for even easier transportation.







## LIGHTWEIGHT FRAME

The Avenger Fast-Loc Frame kit is lightweight and quick to set up. The square section aluminum tubes slide and lock together to provide a strong frame which supports lighting control textiles of (6'x6' in size).

Code	Frame Size	Frame Size	N. of tubes	Tube Length x	Tube	Frame	Weight	Optional
	[feet]	[cm]	per side	Thickness mm	Connection	Support	[kg]	Frame Bag
H660	6x6	183x183	1	1205x1.4	insert	Stud Type x2	6,9	H6BAG







The Manfrotto Butterfly Frames uses two methods

of support. Ear and Stud





fly Ear Type (code RH01016).

Insert tube connection.

## 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 frar [feet]	me size [cm]	N. of tubes per side	Tube Length x Thickness [mm]	Tube Connection	Frame Support	Weight [kg]	Optional Frame Bag
H600M	6x6	183x183	1	1205x3	Pin	Ear Type x2	11,4	H6BAG
			1	610x3				
Н800М	8x8	244x244	2	1205x3	Pin	Ear Type x2	13,6	H6BAG
H1200M	12x12	366x366	3	1205x3	Pin	Ear Type x2	19	H6BAG
H2000M	20x20	610x610	5	1205x3	Pin	Ear Type x2	32,6	H6BAG



#### D.I.Y. BUTTERFLY PIPE CORNER KIT

Pipe specifications for use with the D.I.Y Butterfly Pipe Corner Kit.

Code	Nominal Bore	Outside Diameter	Nominal Bore	Outside Diameter
	[inches]	[inches]	[mm]	[mm]
H9000	11/2"	1 29/32"	38	48.3

This kit give you the possibility of making frames of any dimension, using standard aluminum pipes.



Pipe connection.







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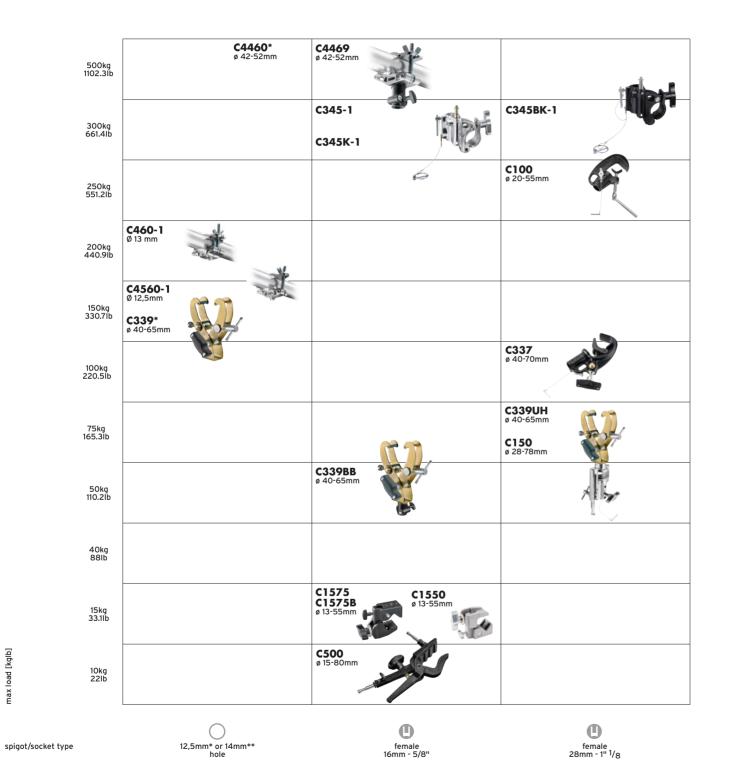
Gravity Casting: All the strategic aluminum components which have to guarantee safety of the product are made using the Gravity Casting technology. This process excludes any possibility of having air bubbles getting into the casting.

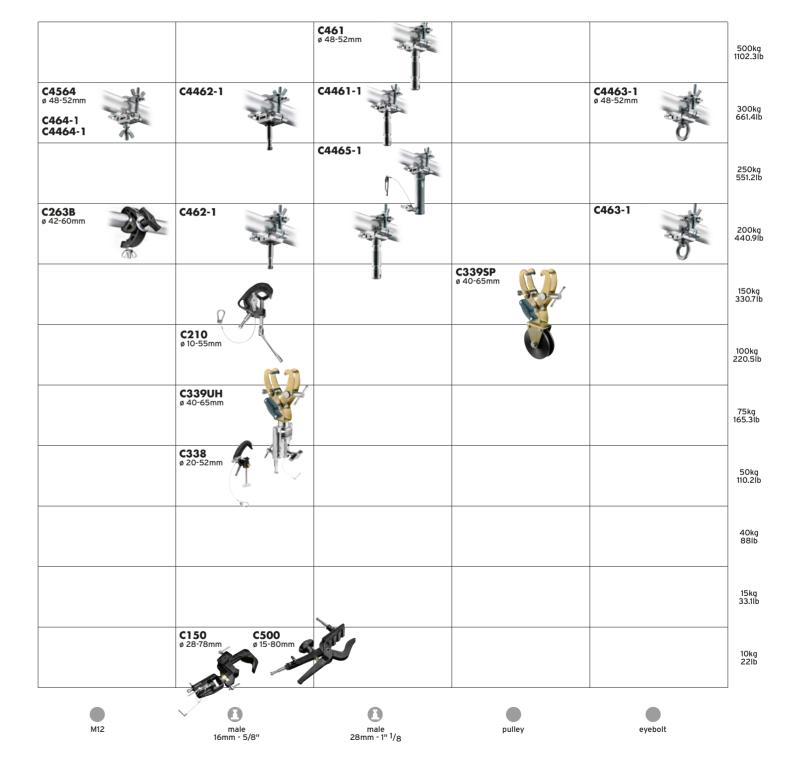


Quick Action Device: This mechanical concept allows an incredible speed in locking and unlocking the clamp's jaws. The Quick Action line of clamps consists of four models that in dimension, load capacity (up to 100kg) and coupling range (up to 50mm).

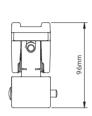


Multifix: The Multifix feature of the "System" product family offers an incredible range of different attachments. Thank to the Multifix system the user can hang the product in a various ways. The clamps are manufacturer with multi attachment points or a single attachment points available with a variety of different fixing accessories.



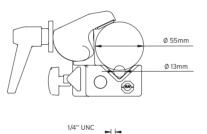


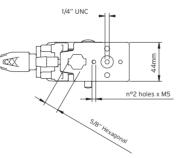


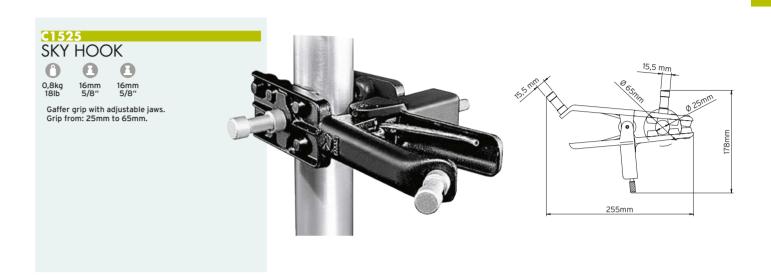
















C155 SAFETY CABLE

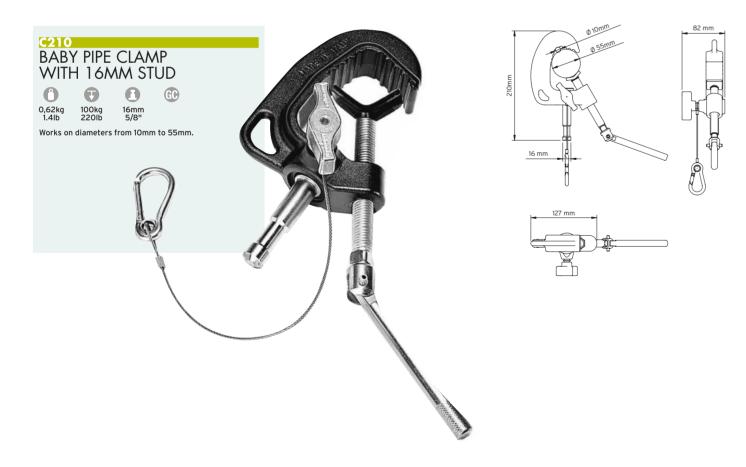
SAFETY CABLE

Diameter 3,5mm. Length 70cm (27.6").

C155-02 SAFETY CABLE Diameter 5mm. Length 70cm (27.6").

# CLAMP SYSTEM







# CLAMP SYSTEM

# 28MM BUSHING QUICK ACTION JUNIOR CLAMP

0

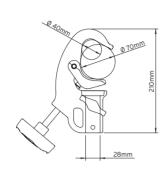
• 1,43kg 3.2lb

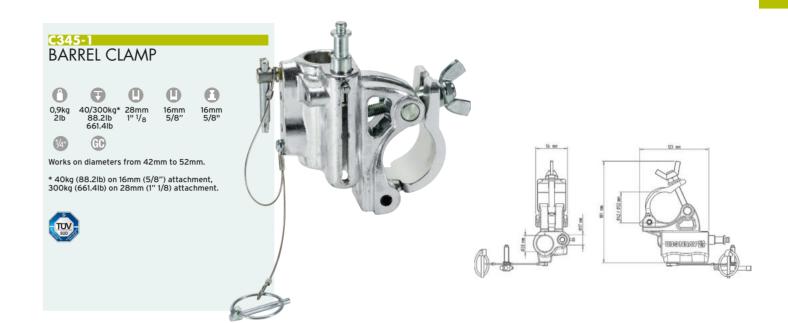
100kg 28mm 220.5lb 1" <sup>1</sup>/<sub>8</sub>

Made in gravity cast aluminum, this clamp is ideal to hang all types of luminaries 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.









## 16MM PIN QUICK **ACTION BABY CLAMP**

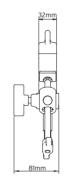
0

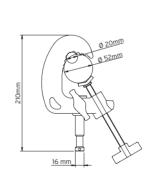
0 50kg 110.2lb

•

Very slim and lightweight, this version has been designed for small luminaries, virtually unlimited in application. To meet all safety requirements, we have designed a dedicated slot for flexible steel safety cables. Pipe size 20-52mm.







## BARREL CLAMP AND KNOB



•









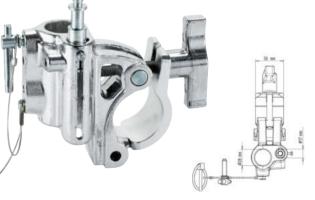


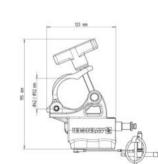


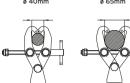
\* 40kg (88.2lb) on 16mm (5/8") attachment, 300kg (661.4lb) on 28mm (1" 1/8) attachment.



BARREL CLAMP AND KNOB **BLACK FINISH VERSION** 





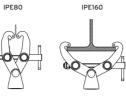












Clamp Range: 40mm to 65mm

Clamp Range: 36mm to 47mm

Clamp Range: IPE 80 to IPE 160 HEB 80 to HEB 160

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.

## **GRAB CLAMP**





1,2kg 150kg 12,5mm 2.6lb 330.7lb hole

Supplied without attachment, but with a 12,5mm hole for custom fixings.



## GRAB CLAMP WITH 16MM BUSHING



•

1,35kg 50kg 28mm 3lb 110.2lb 1" 1/8

Comes with 16mm bushing complete with push button for extra-safe attachment.



## DOUBLE **GRIP HEAD**









16mm 5/8"

Provided with a universal fixed (non-rotating) head.



## **GRAB CLAMP** WITH SPINNING PULLEY







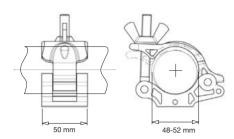


Fitted with a 100mm diameter pulley to offer a quick and robust hanging point for TV and theatre sceneries.



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# LP EYE COUPLER SYSTEM



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 TÜV certification, optimised ergonomic and unique design are the key features of new EYE COUPLERS, developed for professionals in entertainment and film industries.





0 0,36kg 220kg

13mm hole

The base model of LP Eye Coupler for any customised application.





## LP EYE COUPLER WITH 28MM TV SPIGOT



•

220kg 28mm 485lb 1" 1/8

Supplied with 28mm spigot for TV/broadcast luminaires.





## LP EYE COUPLER WITH 16MM SPIGOT



A

0,41kg 220kg 16mm 0.9lb 485lb 5/8"

Designed with 16mm spigot suitable for lightweight luminaires.





## LP EYE COUPLER WITH LIFTING RING



0,55kg 220kg eyebolt 485lh

Provided with lifting ring for multipurpose use with chains, wires and ropes.





## LP EYE COUPLER WITH M12 BOLT PLUS NUT





0,40kg 300kg M12x27 0.9lb 661.4lb

Supplied with M12 bolt and





## LP EYE COUPLER WITH 28MM BUSHING

0

0,84kg 220kg 28mm 1.3lb 485lb 1" 1/8

Designed with 28mm bushing suitable for 2K+stirrup luminaires.





## 90° FIXED LP EYE COUPLER





Twin couplers fixed at 90° for firm, quick and easy interconnection for truss, bars or pipes.



## SWIVEL LP EYE COUPLER

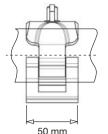


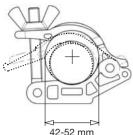


0,76kg 300kg 1,7lb 661,4lb

Twin couplers free to rotate 360° for firm, quick and easy interconnection for truss, bars or pipes.

# MP EYE COUPLER SYSTEM





MP EYE COUPLERS: wider clamp range from 42 to 52mm





0,39kg 300kg 12,5mm 0.9lb 661.4lb hole

for any customised application

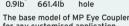


## MP EYE COUPLER













## MP EYE COUPLER WITH LIFTING RING







0,58kg 300kg eyebolt 1.3lb 661.4lb

Provided with lifting ring for multipurpose use with chains,





## MP EYE COUPLER WITH M12 BOLT PLUS NUT





0,43kg 300kg M12x27 0.9lb 661.4lb

Twin couplers fixed parallel for firm, quick and easy interconnection for truss, bars or pipes.



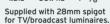


#### MP EYE COUPLER MP EYE COUPLER WITH 28MM TV SPIGOT





0,60kg 300kg 28mm 1.3lb 661.4lb 1" <sup>1</sup>/<sub>8</sub>







# WITH 16MM SPIGOT





0,44kg 300kg 16mm 1lb 661.4lb 5/8"

Designed with 16mm spigot suitable for lightweight luminaires.





## MP EYE COUPLER WITH 28MM BUSHING





Designed with 28mm bushing suitable for 2K+ stirrup

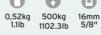




## MP EYE COUPLER WITH 16MM BUSHING







Supplied with 16mm spigot for light fixing accessories.



## **SWIVEL** MP EYE COUPLER



0,81kg 1.8lb

Twin couplers free to rotate 360° for firm, quick and easy coupling of trusses, bars or pipes.



## MP EYE COUPLER SWIVEL AND TILT TRUSS SUPPORT 150-250





2,78kg 28mm 6.1lb 1" 1/8

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.

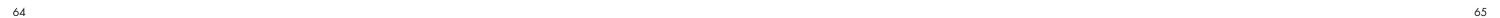
Min. Lenght 150mm (5.9"). Max. Lenght 250mm (9.8").

## MP EYE COUPLER SWIVEL AND TILT TRUSS

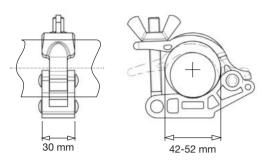




Min. Lenght 200mm (7.9"). Max. Lenght 400mm (15.7").



# MP EYE COUPLER SYSTEM



MP SLIM EYE COUPLERS: same features as MP coupler, but narrower in profile and lighter in weight.





## C4560-1 SLIM MP EYE COUPLER







The base model of MP slimlight version Eye Coupler.



# MP EYE COUPLER 12MM BOLT + NUT





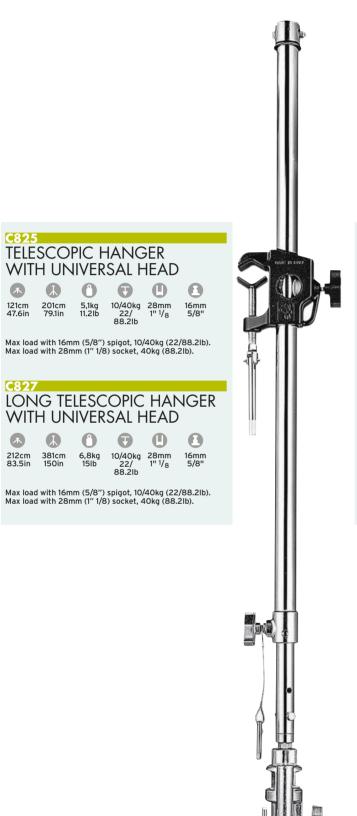


0,3kg 300kg M12x27mm 0.6lb 661.4lb

Supplied with M12 bolt and nut for custom solutions.



# TELESCOPIC HANGER SYSTEM



TELESCOPIC HANGER

WITH UNIVERSAL HEAD

WITH UNIVERSAL HEAD

Max load with 16mm (5/8") spigot, 10/40kg (22/88.2lb). Max load with 28mm (1" 1/8) socket, 40kg (88.2lb).

## TELESCOPIC HANGER WITH STIRRUP

Luminaire attachment - Stirrup Ø 40mm.

## LONG TELESCOPIC HANGER WITH STIRRUP

Luminaire attachment - Stirrup Ø 40mm.

# TELESCOPIC HANGER WITH UNIVERSAL HEAD

**•** •

Max load with 16mm (5/8") spigot, 10/40kg (22/88.2lb). Max load with 28mm (1" 1/8) socket, 40kg (88.2lb).





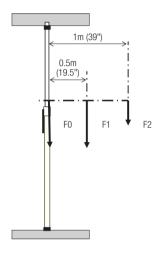
# LIGHTING BOOMS SYSTEM



# AUTOPOLE SYSTEM AUTOPOLE

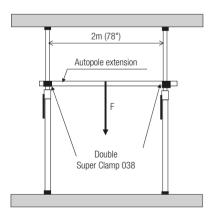
Unique cantilever single action locking system exerts pressure to securely wedge the rubber suction cup ends in place. Cantilever system incorporates safety lock.
Floor to ceiling, or wall to wall fixing for strong vertical or horizontal support of lighting.

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



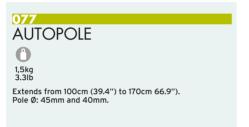
FO: maximum axial load F1: maximum load with 0.5m (19.5") arm F2: maximum load with 1m (39") arm

Models	FO	F1	F2
032	30kg / 66lb	30kg / 66lb	15kg / 33lb
076	30kg / 66lb	30kg / 66lb	15kg / 33lb
077	30kg / 66lb	30kg / 66lb	15kg / 33lb
432-2.7	24kg / 52lb	24kg / 52lb	12kg / 26lb
432-3.7	24kg / 52lb	24kg / 52lb	12kg / 26lb



	Load	
Models	F	
032	20kg / 44lb	
076	20kg / 44lb	
077	20kg / 44lb	
432-2.7	20kg / 44lb	
432-3.7	20kg / 44lb	

72



#### **AUTOPOLE BLACK FINISH VERSION**

## **AUTOPOLE**

0 1,83kg 4lb

Extends from 150cm (59.1") to 270cm (106.3"). Pole Ø: 45mm and 40mm.

# AUTOPOLE

**BLACK FINISH VERSION** 

### **AUTOPOLE** 0

2,2kg 4.9lb

Extends from 210cm 82.7") to 370cm (145.7").

**AUTOPOLE** BLACK FINISH VERSION



077

076

032

#### 432-2.7 **AUTOPOLE 2**

0 2,23kg 4.9lb

Two position variable thrust. Extends from 150cm (59.1") to 270cm (106"). Pole Ø: 45mm and 40mm.

#### 432-2.7B **AUTOPOLE 2 BLACK FINISH VERSION**

## **AUTOPOLE 2**

0

Two position variable thrust. Extends from 210cm (82.7") to 370cm (145.7"). Pole Ø: 45mm and 40mm.

#### 432-3.7B

**AUTOPOLE 2 BLACK FINISH VERSION** 

332-3.7B MINI AUTOPOLE **BLACK FINISH VERSION** 



# AUTOPOLE SYSTEM AUTOPOLE ACCESSORIES



# **AUTOPOLE SPIRIT LEVEL**

ESpirit level for use on Autopole®, or on tubes of 25mm



# **AUTOPOLE PROTECTION CAPS**

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



## **EXTENSION TUBE**

0 0,53kg 1.2lb

Autopole® Extension tube. Ø: 40mm. Length: 1,5m (59.1"). Suitable for Autopole2® and Autopole®.

**EXTENSION TUBE** BLACK FINISH VERSION

### **EXTENSION TUBE**

0

0,69kg 1.5lb

Autopole® Extension tube. Ø: 40mm. Length: 2m (78.7").
Suitable for Autopole2® and Autopole®.

**EXTENSION TUBE** BLACK FINISH VERSION

### MINI POLE

0

0,87kg 1.9lb

Spring loaded mini pole. Extends from 175cm (68.9") to 330cm (129.9). Post Ø: 25mm and 28mm.

MINI POLE **BLACK FINISH VERSION** 

034

033

74

# ARMS SYSTEM



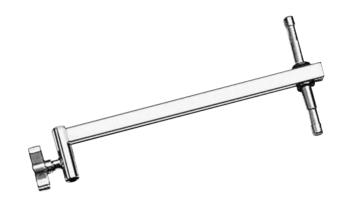
# BABY TRIPLE HEADER 5X16MM PIN / 16MM SOCKET

1,3kg 2.9lb

Length: 65cm (25.6").







# BABY OFFSET ARM/TWIN 16MM PIN / 16MM SOCKET

16mm 16mm 5/8" 5/8"

Length: 38cm (15").



JUNIOR OFFSET ARM 28MM PIN / 28MM SOCKET

0 0 0

1,5kg 28mm 28mm 3.3lb 1" 1/8 1" 1/8 Length: 50cm (19.7").



Articulated arm with large locking knob to lock all 3 movements.

# PUMP CUP SYSTEM



#### PUMP CUP WITH 16MM BABY SWIVEL SPIGOT

0

•

•

Ideal for mounting small lights and camera systems onto flat, non-porous surfaces such as glass. A perfect tool for rigging car shoots.



#### PUMP CUP WITH 16MM **BABY FIXED SPIGOT**

• 0

• 2kg 16mm 4.4lb 5/8"

Like the F1000, but with a fixed baby pin for added stability.



### BABY PLATE WITH 90° PIN

0



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.



## **BABY WALL PLATE**

0 0,4kg 0.9lb



16mm 5/8"

Baby plates allow for the quick mounting of fixtures in places where light stands and clamps cannot be used.



## JUNIOR WALL PLATE

0 0,68kg 1.5lb

• 28mm 1" <sup>1</sup>/<sub>8</sub>

A wall plate with a junior receiver to mount larger fixtures.



#### BABY PLATE WITH 16MM SWIVEL SPIGOT

0 0,8kg 1.8lb

16mm 5/8"

Unique to the Avenger line, this baby plate allows fixtures to be fine-tuned with the built in swiveling baby pin.



### 3" BABY WALL PLATE

0

•

Baby plates allow for the quick mounting of fixtures in places where light stands and clamps cannot be used. Length 3".



### **6" BABY WALL PLATE**

0

• 0,72kg 16mm 1.6lb 5/8"

Baby plates allow for the quick mounting of fixtures in places where light stands and clamps cannot be used. Length 6".



#### 9" BABY WALL PLATE

• 0,85kg 16mm 1.9lb 5/8"

Baby plates allow for the quick mounting of fixtures in places where light stands and clamps cannot be used.



#### 16mm - 5/8" FEMALE ADAPTERS







#### C155 SAFETY CABLE

Diameter 4mm. Length 100cm (39.4").

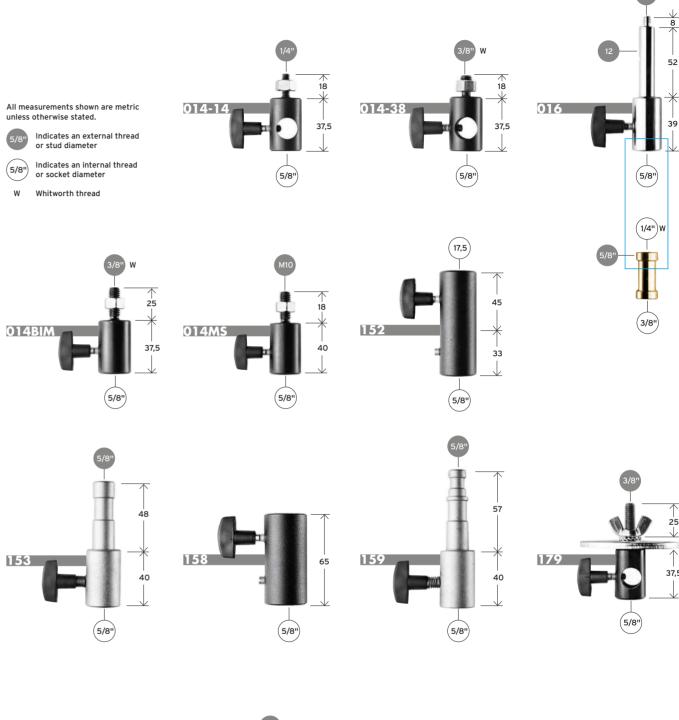
#### C155-01 SAFETY CABLE

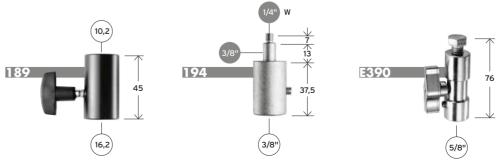
Diameter 3,5mm. Length 70cm (27.6").

#### C155-02 SAFETY CABLE

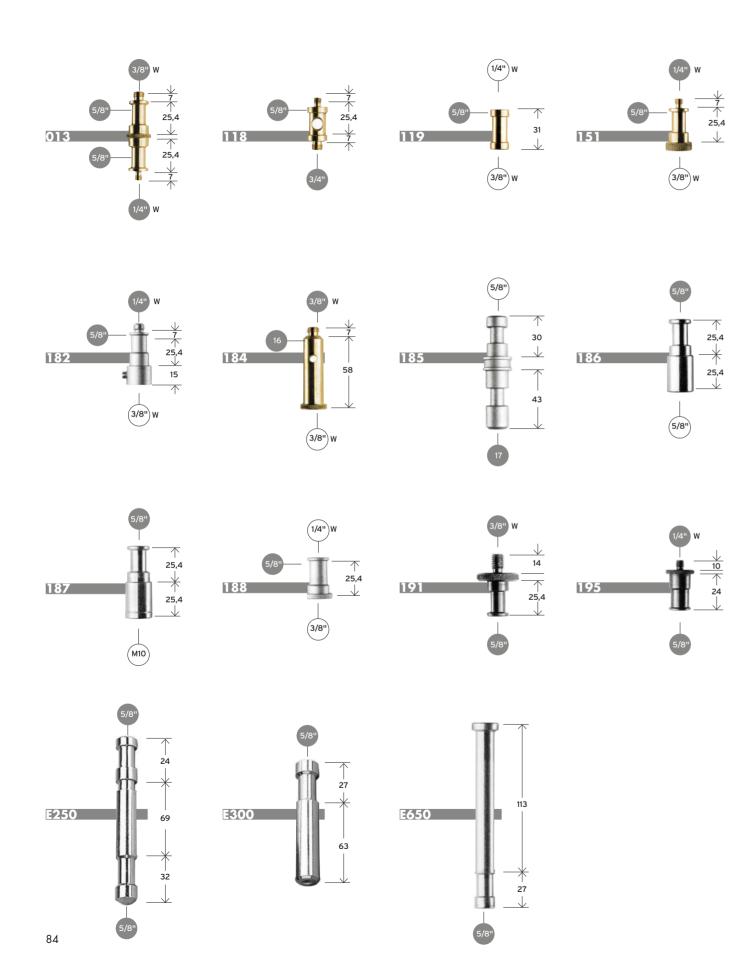
Diameter 5mm. Length 70cm (27.6").



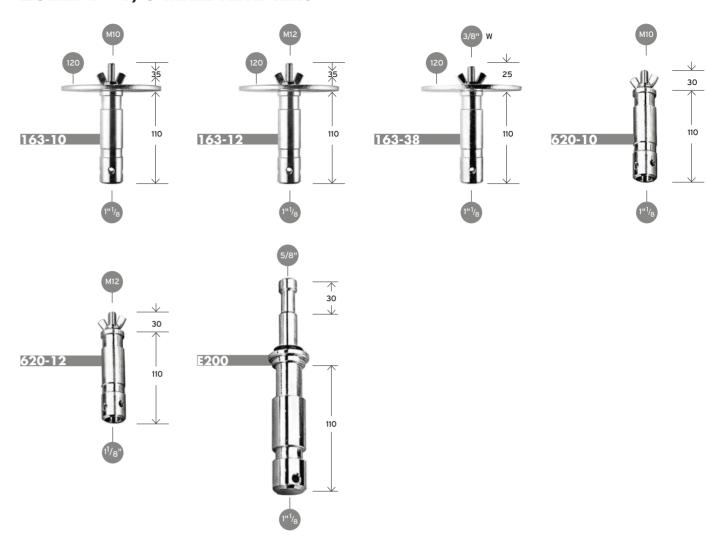




### 16mm 5/8" MALE ADAPTERS



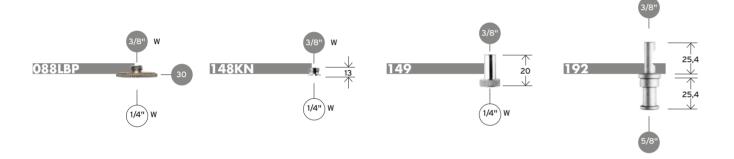
### 28mm 1" 1/8 MALE ADAPTERS



#### SPECIAL ADAPTERS

#### **SUPER CLAMP ADAPTERS**

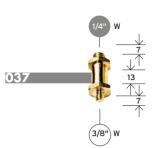




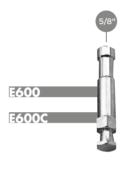


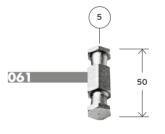






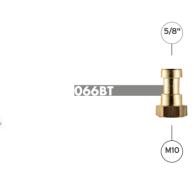


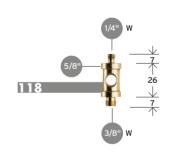






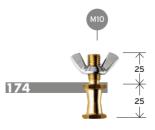




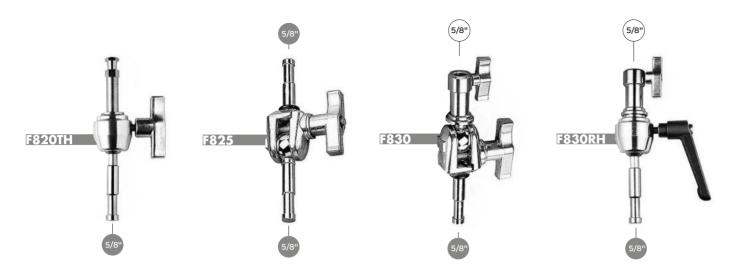






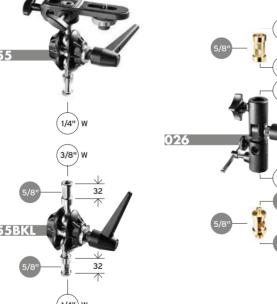


### **SWIVELLING ADAPTERS**









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#### **KEY TO SYMBOLS**



Maximum height



Closed lengt



Footprint diameter



Weight



Spigot size



Socket size



Grip head size



Suggested wheels



Maximum evenly distributed load on level ground



Gravity cast



TÜV SUD Certification

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