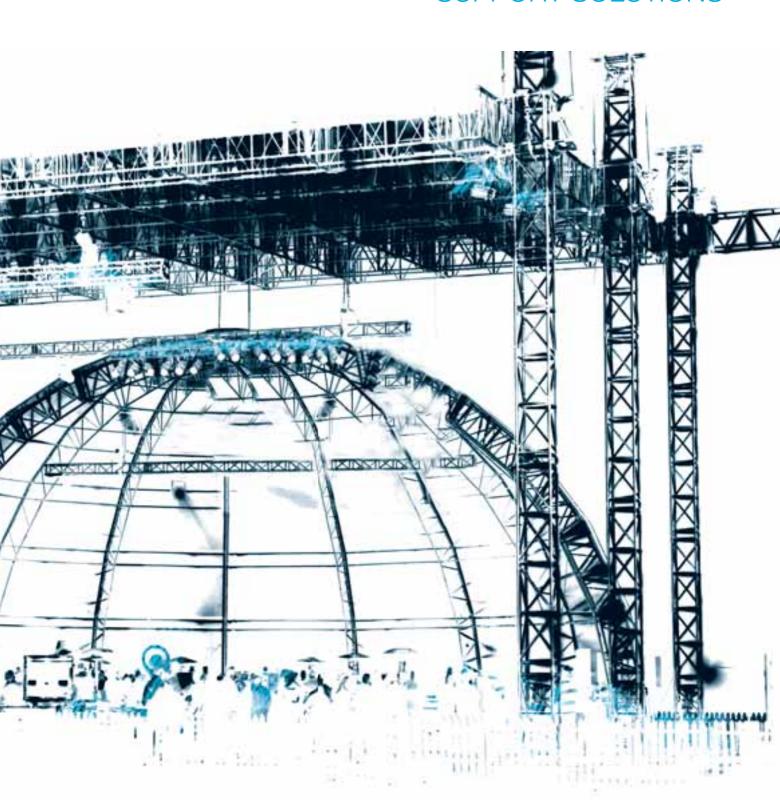


ENTERTAINMENT SUPPORT SOLUTIONS



Manfrotto mission

The question.

What supports do I need for the perfect set up?

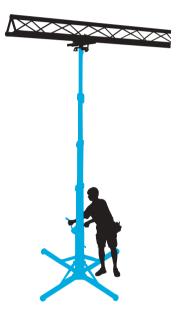
IMAGING SUPPORT

With more than 39 years of tradition,

Manfrotto has been building the world's widest range system of products for the imaging world. Manfrotto mission is to offer professional support solutions aimed at the photographic, video and live entertainment market, supporting your imaging passion. Innovative, stylish and user-friendly design, high quality materials and manufacturing processes, solid, reliable, iconic, patented and unique products that no other brand can offer. Every product in our range is designed in collaboration with professional users in order to provide a perfect combination of key features such as load capacity, size, stability, transportability, interchangeability.

Manfrotto: complete professional imaging support solutions inspired and crafted by Italian creativity.

USER FRIENDLYATE SSIONSER FRONICY MAESTROSISIVALISH USEISOROBM FACTOR **ICUSERSFRIENDLY** WOW FACTOR PASSIONASE

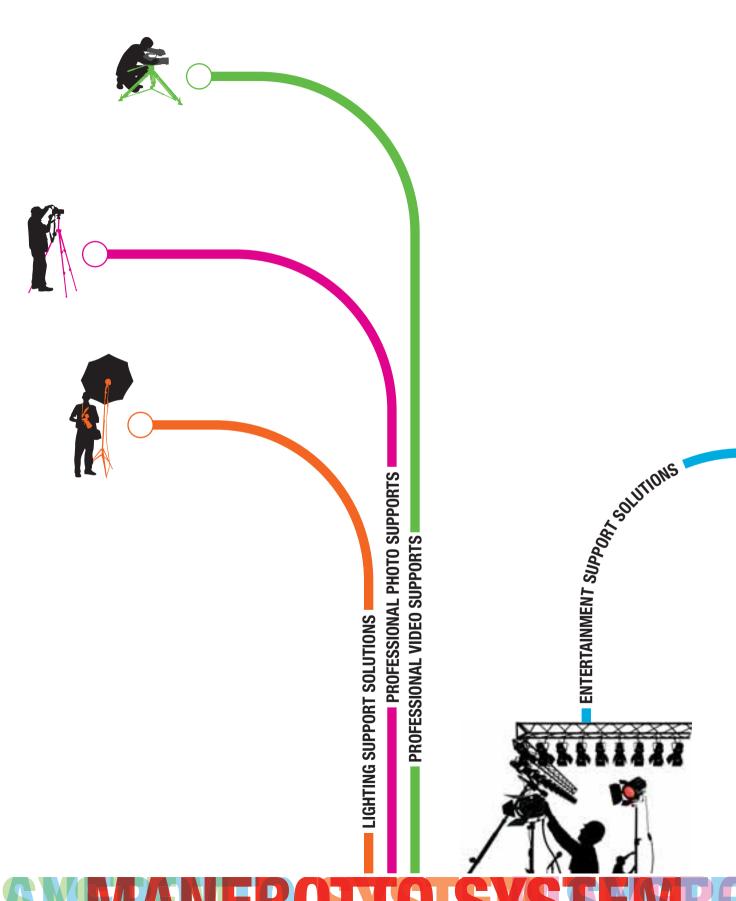


The answer.

Manfrotto.

Complete professional imaging and entertainment support system inspired and crafted by Italian creativity.

Manfrotto System



Manfrotto, the world leader in the development, production and distribution of professional camera and lighting supports for the photo and video market, with 40 years of experience, is proud to present a new range of products completely dedicated to the entertainment market.

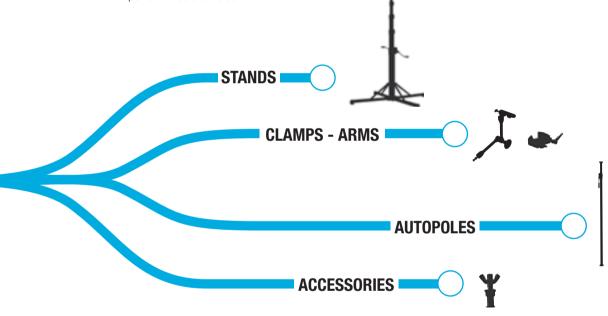
Manfrotto offers now a complete system of solutions in order to support lighting of any kind and load; solutions that have been developed thanks to the long term experience in the imaging field and the close collaboration with the market most important players. The company's unrivalled experience combines revolutionary concepts and innovative design with advanced production technology, ensuring quality products that are unmatched for performance and value.

Quality is a key issue at Manfrotto. Every Manfrotto product is designed to offer high performance and the perfect synergy of essential features such as load capacity, dimensions and stability, in order to grant reliability, versatility, durability and outstanding performance.

Safety has always been a priority for Manfrotto: all equipment is designed to meet international regulations such as DIN 15560, TÜV, CE and ISO standards. All the structural components that are crucial for safety, are engineered using the most innovative research and development techniques, such as the FEM (Finite Element Method) which allows the simulation of external forces in different applications and therefore the evaluation of the stress of the components. By using these advanced technologies, Manfrotto can optimise the design of the products providing the highest performance combined with the lowest weight.

Manfrotto is supported by a massive network of distributors throughout the world and by an effective after-sales support.

For more information please visit: www.manfrotto.com



Contents

- 8 STANDS
- 30 CLAMPS ARMS
- 46 AUTOPOLES
- 50 ACCESSORIES
- 57 INDEX



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

Manfrotto's range of stands to support. These supports can be distinguished by the materials they are made of and two tubing technology: electric welded aluminum and steel.

Manfrotto has developed a new

generation of wincher stands for the entertainment industry: like the Black Magic, which now offers extreme performance satisfying the highest safety standards in the market.



FOOT BASES



MINI BACKLITE BASE FEMALE ATTACHMENT **003MF**

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.



3.1in









BACKLITE BASE 003

Fold away base.















BLACK SMALL BRAKE BASE 299BBASE

1 leveling leg. Complete with braked wheels.

















BLACK SMALL FOOT BASE 299FBASE

1 leveling leg. Complete with feet.





14.2in



29.5in









BLACK ALU HIGH STAND EXTENSION 146B

3 section (Ø 35, 30, 25mm) black aluminum extension. Minimum height: 137cm/53.9in. Maximum height: 314cm/123.6in.







Top type 14 Bottom type 37

10 📖



Ø





BLACK ALU SENIOR STAND 007BU 🐠

Black aluminum stand. 3 sections, 2 risers. Ø: 35, 30, 25mm. Leg Ø: 22mm. 1 leveling leg.





0











BLACK ALU STAND 008BU

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



(7)

15kg 33.1lb



O

Type 14









110, 110G





Type 14 110, 110G

GGESTED ACCESSORIES



28MM/1 1/8" MALE ADAPTER **163-10**

M10 screw adapter, suitable on top of any 28mm/1 1/8" attachment.



28MM/1 1/8" MALE ADAPTER **620-10**

M10 screw adapter, suitable on top of any 28mm/1 1/8" attachment.





STEEL JUNIOR STAND 008CSU

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



















BLACK STEEL SENIOR STAND 007BSU

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









• 20kg 44.1lb

O Type 14



110, 110G

7.3kg 16.1lb

STEEL SENIOR STAND **007CSU** Not illustrated

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















Type 14

110, 110G

SUGGESTED ACCESSORIES



LARGE SAND BAG **G200** (Sand not supplied)



10kg 22lb





BLACK STEEL HEAVY DUTY STAND 126BSU AC

Black chrome plated steel stand. 3 sections, 2 risers. Ø: 40, 35, 30mm. Leg Ø: 22mm. 1 leveling leg.

禾 131cm

51.6in

88.2lb



131.1in





49.6in











110, 110G

BLACK STEEL TALL STAND 111BSU

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



Ŧ

















25kg Type 14 110, 110G 55.1lb

STEEL HEAVY DUTY STAND 126CSU AC Not illustrated

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























126cm

110, 110G

STEEL TALL STAND 111CSU Not illustrated

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













O Type 14



61in 40.2in



SUGGESTED ACCESSORIES

SPEAKER ADAPTER FOR 28MM/1 1/8" BUSHING 618

This speaker adapter (35mm diameter) can be mounted on all lightstands equipped with a 28mm/1 1/8" bushing.







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















6.3kg

Ŧ 35kg 77.2lb

104, 104G



FOLLOW SPOT STAND 070CSU

Chrome plated stand. 2 sections, 1 riser.

Ø: 50, 40mm. Leg Ø: 30mm. 1 leveling leg. Memory collar included.

This stand was named for its low height and high payload allowing the lighting technician to easily follow on actor.





Type 14









40kg 88.2lb



105cm 41.3in













PAN SPIGOT M10 **616-10**

Rotating 28mm/1 1/8" 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.



40MM SAFETY COLLAR 699

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





BLACK STEEL SUPER STAND 270BSU

Black chrome plated steel stand. 4 sections, 3 risers. Ø: 50, 45, 40, 35mm. Leg Ø: 30mm. 1 leveling leg. There is a reason we call this the super stand! Incredible reach of 477cm/187.8in that can support fixtures up to 40kg/88.2lb.



56.7in











29.8lb

Œ 40kg 88.2lb



104, 104G

BLACK ALU SUPER STAND 269BU

Black aluminum stand. 4 sections, 3 risers. Ø: 50, 45, 40, 35mm. Leg Ø: 30mm. 1 leveling leg.



56.7in

lacktriangledown

35kg 77.2lb



Type 14





68.5in



179.1in



104, 104G

STEEL SUPER STAND **270CSU** Not illustrated

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

















29.8lb

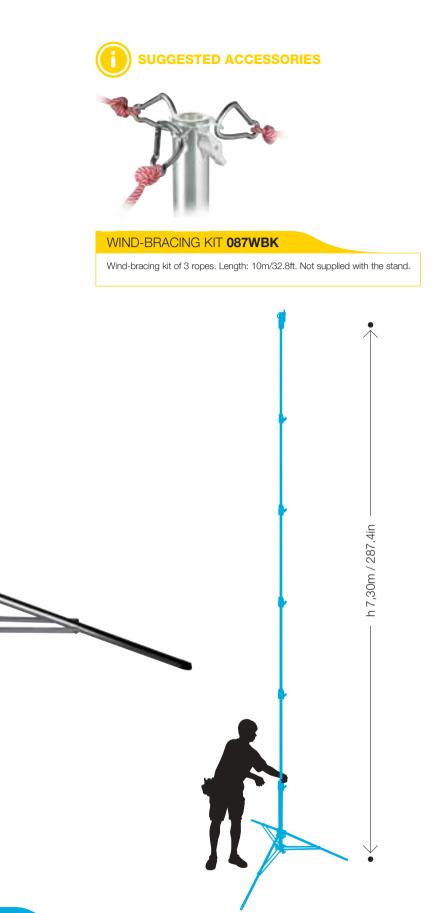


40kg 88.2lb





104, 104G



BLACK ALU HIGH SUPER STAND 269HDBU

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





















STEEL 2 SECTION LOW BASE WIND UP STAND 083NWLB

Geared centerpost steel stand. 2 sections, 1 riser. $\ensuremath{\textit{Ø}}\xspace$ 55, 45mm. 1 leveling leg. Fitted with braked wheels.







44.1in



39.4in











Chrome steel stand with geared column. Elevation: 2.2cm/0.9in per handle turn. 2 sections, 1 riser. \varnothing : 55, 45mm. Leg \varnothing : 30mm. 1 leveling leg.



Ø

45kg 99.2lb









247cm 97.2in

Type 14

104, 104G



STEEL 3 SECTION LOW BASE WIND UP STAND **087NWLB**

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





108.7in



52.8in



39.4in



56.7in f T30kg 66.1lb







BLACK STEEL WIND UP STAND 087NWB

Black chrome steel stand with geared column.

2 risers extend simultaneously at an elevation of 4.4cm/1.7in per handle turn. Safety cable ensures simultaneous retrieval of all sections.

3 sections, 2 risers. Ø: 55, 45, 38mm. Leg Ø: 30mm. 1 leveling leg.















66.1lb





104, 104G



STEEL SHORT WIND UP STAND 087NWSH

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





Type 14







135cm Œ

30kg 66.1lb

0

155cm 61in

104, 104G

STEEL WIND UP STAND **087NW** Not illustrated

Chrome steel stand with geared column.

2 risers extend simultaneously at an elevation of 4.4cm/1.7in per handle turn. Safety cable ensures simultaneous retrieval of all sections.

3 sections, 2 risers. Ø: 55, 45, 38mm. Leg Ø: 30mm. 1 leveling leg.



























Heavy lift stand with strenghtened stainless steel column and legs, chrome steel risers and geared column. 3 sections Ø: 70, 60, 50mm. 2 risers which extended simultaneously at 4.4cm/1.7in per handle turn. Safety cable ensures simultaneous retrieval of all sections. Rapid adjustment. Leg Ø 35mm. 1 leveling leg. PATENTED

禾 156cm 61.4in

 $oldsymbol{\Xi}$ 80kg 176.4lb



Ŋ

28mm

1 1/8"





70.9in









TUVGS

Heavy lift stand with strenghtened stainless steel column and legs, black chrome steel risers and geared column. 3 sections Ø: 70, 60, 50mm. 2 risers which extended simultaneously at 4.4cm/1.7in per handle turn. Safety cable ensures simultaneous retrieval of all sections. Rapid adjustment. Leg Ø 35mm. 1 leveling leg. PATENTED









70.9in



(7)

80kg 176.4lb

28mm

1 1/8"

70.5in

TUVGS





"T" Bar specifically design to carry six PAR 57 or 64 luminaires.

Supplied with a built in TV male spigot. Max load capacity: 6kg/13.2lb on each attachments, only at the ends 12kg/26.5lb on each side.

WHEELS



WHEEL SET 104

Ø: 75mm/2.95in with brakes and M10 attachment. Set of three.





1.5kg 3.3lb





WHEEL SET 104G

 $\ensuremath{\textit{Ø}}$: 100mm/3.94in with brakes and M10 attachment. Set of three.





3kg 6.6lb 100kg 220.5lb



WHEEL SET 110

Ø: 75mm/2.95in with brakes and adapter for legs Ø: 22mm. Set of three.





1.7kg

75kg



WHEEL SET 110G

 \varnothing : 100mm/3.94in with brakes and adapter for legs \varnothing : 22mm. Set of three.





3.2kg

100kg 220.5lb



WHEELS FOR SUPER WIND UP 374

Ø: 160mm/6.3in with brakes. Set of three.





7.2kg 15.9lb

300kg 661.4lb





BLACK ALU STAND EXTENSION 142B

2 section (Ø 35, 30mm) black aluminum extension. Minimum height: 125cm/49.2in. Maximum height: 210cm/82.7in.







2.4kg 5.3lb Top type 14 Bottom type 37

STEEL STAND EXTENSION 142CS

2 section (Ø 35, 30mm) chrome steel extension. Minimum height: 125cm/49.2in. Maximum height: 210cm/82.7in.







3.6kg 7.9lb Top type 14 Bottom type 37





BLACK ALU HIGH STAND EXTENSION **146B**

3 section (Ø 35, 30, 25mm) black aluminum extension. Minimum height: 137cm/53.9in. Maximum height: 314cm/123.6in.







2.8kg 6.2lb

Top type 14 Bottom type 37

STEEL HIGH STAND EXTENSION **146CS**

3 section (Ø 35, 30, 25mm) chrome steel extension. Minimum height: 137cm/53.9in. Maximum height: 314cm/123.6in.







4.8kg 10.6lb Top type 14 Bottom type 37

BLACK MAG



since 1970 and is recognized as the leader in support solutions for the applications.

Manfrotto has been in the field Thanks to its worldwide capillary network, Manfrotto can collect an incredible amount of feedback photographic, and entertainment from the market and filter this into creative new products.

Black Magic is one of the results.

It was developed to solve the daily problems that face the user. It combines a unique design with the most innovative technical solutions that have been applied to the lifting system, the foldable base, the safety devices, and the surface treatments.

The lifting system is based on a winch mechanism, permitting a smooth consecutive extension of a 4 rise tower. With the double handle, the operator can easily move 200kg/440lb from 1,65m/5,3ft to 5.5m/18ft in any position.

The new foldable base makes opening and closing a synch, taking just a few seconds. It's developed to support the highest stress and the hardest working conditions.

Black Magic is what you need for your business.

Quality and reliability tests:

Dynamic test:

- to simulate the working cycle of product, it went through 2000 complete extentions of the column with 500kg/1102.3lb on the top.

Static tests such as:

- the traction test on the chains and pinions applying 650kg/1433lb (simulated load).
- the +6° inclination test, to obtain the TÜV certification and simulate the use of the product with the max load (200kg/440lb) at 6m height and 6° floor inclination.
- 100 hours of salt spray test in order to simulate the reaction of the finishing with application in adverse environment.











Element simulation of external forces

All the stuctural components in different applications and to that are crucial for the safety calculate the resulting stress or have to support high stress on the component. Using this are engineered using the FEM tool Manfrotto can optimize analysis. The FEM (Finite the design of the product Method) permits obtaining the highest performance combined with the lowest weight.



Swift lift mechanism, with its self-locking device, is made up of three fork lift chains for a smooth and continuous extension.
PAT. PENDING

The foldable base makes opening and closing a synch, taking just a few seconds.



Thanks to the winch concept, the mono-operation cranking is very smooth during rising and fall.

Technical Specifications:

Maximum Height: 5.5m / 18ft

Minimum Height /

Loading Height: 1.65m / 5,41ft

Close Height: 1.64m / 5,38ft

Max Load Capacity: 200kg / 440lb

Proper Weight: 80kg / 176lb

Operating Footprint: 2.38m / 7,8ft

Storing Footprint: 0.44m / 1,44ft

Top attachment: 28mm / 1 1/8" female

Certifications:

TÜV GS Certification in progress
According to **DIN 15560-27** and **VBG**Certificate of **CE** Conformity

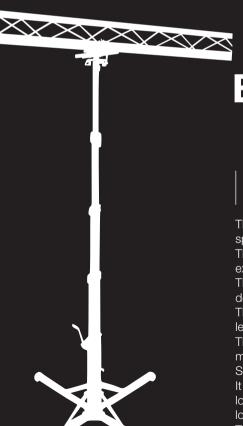


Self height at 1.65m/65in allows the user for an easy upload.



Legs are driven by a new rail mechanism. Just push the safety pin and move the leg in the operating position.

4 leveling devices to adjust the angle of the column and correct floor imperfection.



BLACK MAGIG

The Black Magic column is composed of five aluminum tubes. These black anodized tubes have a special design that create the anti-rotation feature.

The Swift Lift mechanism is made up of three fork lift chains that permit smooth, continuous extension of the 4 rises which can be raised to any custom height.

Thanks to the winch concept, the mono-operation cranking is very smooth during climbing and descent.

The self locking device will automatically stop the column from falling, if at any moment the operator lets go.

The dedicated heat treatment on the internal components is used to achieve the highest mechanical performance and guarantee the longest working life.

Safety is a priority for Black Magic.

It contains four safety devices to control all the operations and protect the operator. There are two locking teeth applied to the main cog wheels and two automatic clutches to control and keep the load stable during descent.

The top attachment is the standard 28mm (1' 1/8") made from machined aluminum. It is also possible to use wind bracing thanks to the rings positioned at the end of the last rise.



BLACK MAGIC STAND **587B**

Black Magic was developed to solve the daily problems that any user faces in the entertainiment & event industries. Wind-bracing kit included. 5 sections, 4 leveling legs.



















BLACK ALU MICROPHONE STAND **622B**

Aluminum microphone stand.













STEEL MICROPHONE STAND **622CS**

Chrome steel microphone stand.













MICROPHONE CLIP MICC1

Standard type microphone clip.



0.05kg



MICROPHONE SPRING CLIP MICC2

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



0.05kg 0.1lb



UNIVERSAL SHOCK MOUNT MICROPHONE HOLDER MICC4

Made in aluminum 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.



0.121kg 0.3lb



BLACK STEEL AIR CUSHIONED SELF LOCK LE STAND **256BMUAC**

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















49.6in









110, 110G



BLACK ALU AIR CUSHIONED LEVELING LEG LE STAND **126BMUAC**

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



Ø

30kg 66.1lb



















UGGESTED ACCESSORIES



SPEAKER ADAPTER FOR 28MM/1 1/8" BUSHING **618**

This speaker adapter (35mm diameter) can be mounted on all lightstands equipped with a 28mm/1 1/8" bushing.

TOP M12 STAND 611-12 Not illustrated

Same as 611-10 with M12 screw.



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°. PATENTED



TOP M10 STAND **611-10**

M10 Bolt fixing for 32/38mm tube.





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















126cm 49.6in

•









110, 110G



BLACK STEEL MAXI LE STAND **606BSM**

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















40kg 88.2lb









BLACK STEEL LOW LE STAND 602BSM

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













0 50kg 110.2lb





40.9in

110, 110G





SAFETY COLLAR 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.



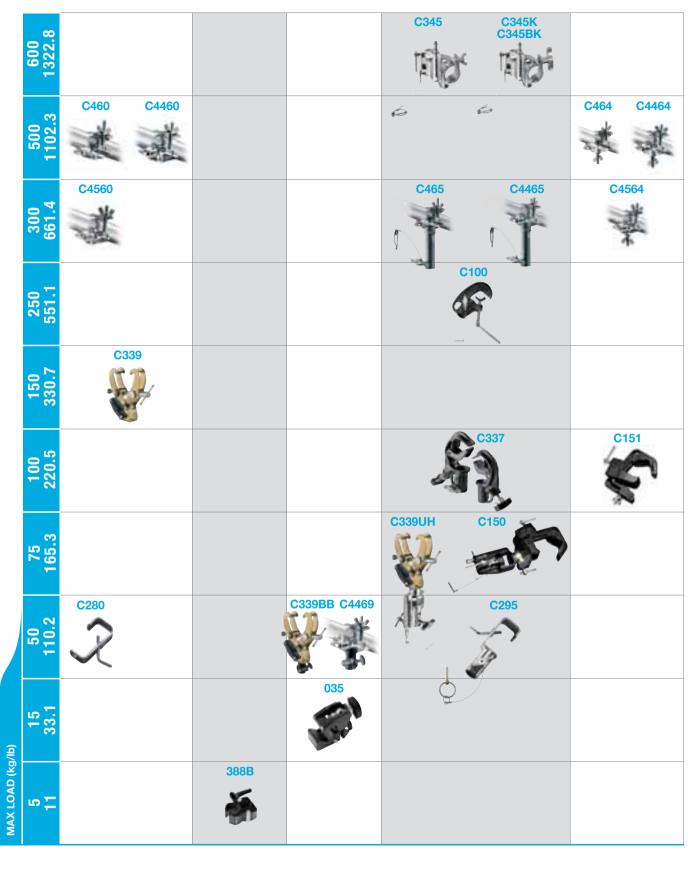
Clamps - Arms

Manfrotto clamps are the perfect solution to position lights and accessories practically anywhere. The worldwide famous original Super Clamp, stands out for its versatility and numerous accessories. Moreover, the entire range of clamps ensures there's

always a solution, no matter the size, the shape of the object or the surface you're clamping to. The grip equipment covers a huge range of applications, including pipes or square tubes, with all standard attachments available. Used in conjunction with stands or clamps,

the range of Manfrotto arms enables accurate positioning of lighting and effects. The Magic Arm or the Variable Friction Arm are 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.





ATTACHMENT TYPE

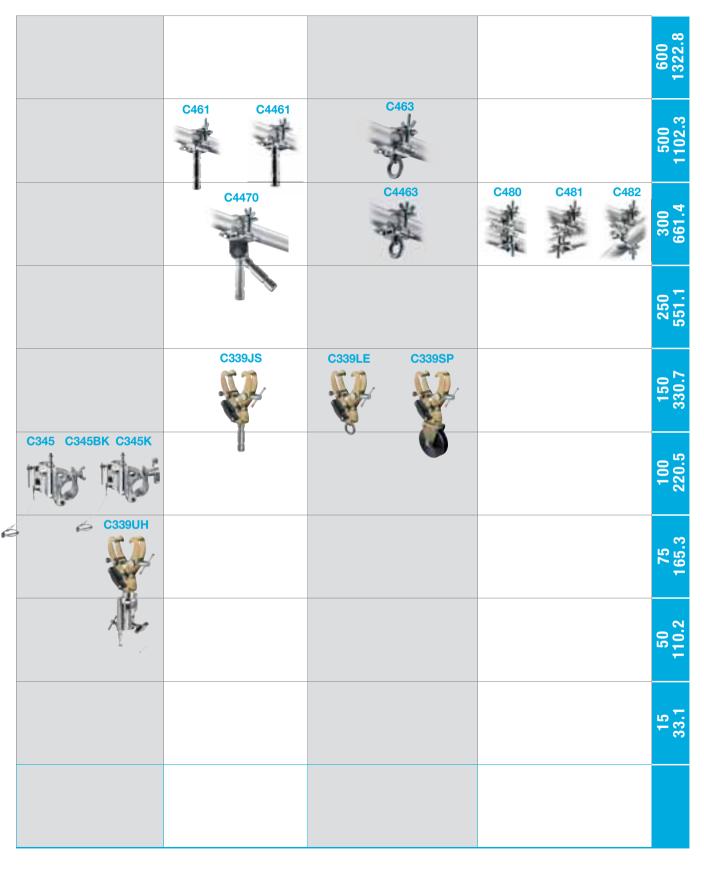
13mm hole

M8-M10

female 16mm/5/8"

O 28mm/1 1

M12







pulley & ring

parallel & swivel

SUPER



QUICK ACTION SUPER CLAMP 635

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.





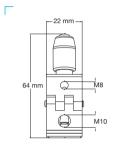


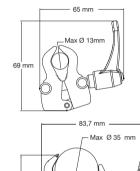
15kg 33.1lb 16mm/5/8" hexagonal + M5 & 1/4" threads

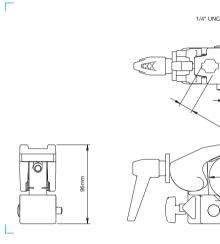


n°2 holes x M5

Ø 55mm Ø 13mm









NANO CLAMP M10 388B

It's the new Manfrotto small size clamp.
4kg/8.8lb of payload with a very small size! Two attachments: M10-M8.







0.25kg 0.6lb

4kg 8.8lb

M8-M10

SUPER CLAMP 035

Ideal clamp for all pipes or squared tubes. Ergonomic lever to securely lock clamping position.





0.41kg 0.9lb

kg 15kg



STAINLESS SUPER CLAMP 035X Not illustrated

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



ROUNDED 16MM/5/8" LIGHTING STUD M10 **264**

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



SUGGESTED ACCESSORIES



STUD FOR STIRRUP 066BT

16mm/5/8" 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.

STAGE

Work on diameters from 30mm/1.18in to 52mm/20.47in. The double locking knob position always provides an optimal grip point.



STAGE CLAMP C280

The base model of MP Eye Coupler slimlight version.



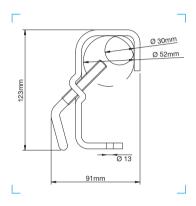




0.37kg 0.8lb

50kg 110.2lb

13mm hole





STAGE CLAMP WITH 28MM/1 1/8" SOCKET **C295**

Supplied with 28mm/1 1/8" stud.









28mm



SUGGESTED ACCESSORIES



QUICK LOCK ADAPTER 213

Fix the brass adapter 066BT to your fixture, then fix the other component to a T-bar or C280 clamp; couple them together with one click. Your fixture is now hooked, just close the handle.

LP COUPLERS

EYE COUPLER family: safer, easier to use and lighter, with the reliability and high performance that you expect from Manfrotto. EYE COUPLER range has been developed with professional users' needs in mind. Improved safety, full TÜV certification, optimised ergonomics and unique design are the key features of EYE COUPLERS, developed for professionals in the entertainment industry.

The complete EYE COUPLER range is made up of LP EYE COUPLERS: industry standard clamp range from 48mm/1.88in to 52mm/2.04in.

MP EYE COUPLERS: wider clamp range from 42mm/1.65in to 52mm/2.04in 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

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







500kg* 1102.3lb

13mm hole





LP EYE COUPLER WITH M12 BOLT PLUS NUT C464

Supplied with M12 bolt and nut for custom solutions.





1102.3lb









PARALLEL LP EYE COUPLER C480

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





0.76kg

90° FIXED LP EYE COUPLER C481

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





0.76kg

300kg 661.4lb



SWIVEL LP EYE COUPLER C482

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













CONNECTION KIT FOR LP EYE COUPLER C466

Kit to connect two C460 clamps.



LP EYE COUPLER WITH 28MM/1 1/8" BUSHING **C465**

Designed with 28mm/1 1/8" bushing suitable for 2K+stirrup luminaires.







28mm 1 1/8"





LP EYE COUPLER WITH 28MM/1 1/8" TV SPIGOT **C461**

Supplied with 28mm/1 1/8" spigot for TV/broadcast luminaires.











LP EYE COUPLER WITH LIFTING RING **C463**

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

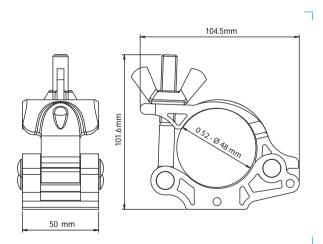




0.55kg 300kg 1.2lb 661.4lb



LP COUPLER



MP COUPLERS



MP EYE COUPLER **C4460**

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







500kg 1102.3lb

13mm hole





SLIM MP EYE COUPLER C4560

The base model of MP slimlight version eye coupler.

















MP EYE COUPLER WITH M12 BOLT PLUS NUT C4464

Supplied with M12 bolt and nut for custom solutions.















MP EYE COUPLER WITH 12MM BOLT PLUS NUT **C4564**

Supplied with M12 bolt and nut for custom solutions.



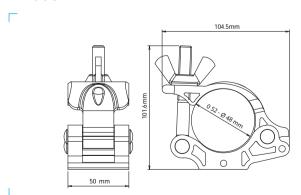




300kg 661.4lb M12x27mm



MP COUPLER





SWIVEL MP EYE COUPLER C4482

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



0.81kg 1.8lb



SWIVEL AND TILT MP EYE COUPLER TRUSS SUPPORT 150-250 **C4485**

Min. lenght - 150mm/5.9in. Max. lenght - 250mm/9.8in. 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.





2.78kg 6.1lb

SWIVEL AND TILT MP EYE COUPLER TRUSS SUPPORT 200-400 **C4486** Not illustrated

Min. lenght - 200mm/7.9in. Max. lenght - 400mm/15.7in.

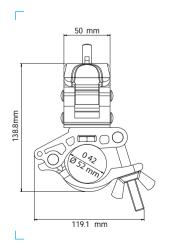


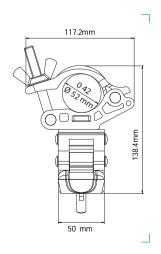


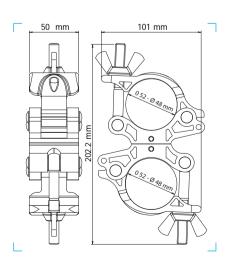
2.85kg 6.3lb

Type 35

SWIVEL COUPLER









MP EYE COUPLER WITH 28MM/1 1/8" TV SPIGOT **C4461**

Supplied with 28mm/1 1/8" spigot for TV/broadcast luminaires.



1.3lb







Type 35





MP EYE COUPLER WITH 28MM/1 1/8" BUSHING **C4465**

Designed with 28mm/1 1/8" bushing suitable for 2K+ stirrup luminaires.









300kg 661.4lb







TILT AND SWIVEL MP EYE COUPLER C4470

Provided with 28mm/1 1/8" spigot to enable to rig a bar or a frame structure between two stands with 360° spigot rotation and swivel system.







1.3kg 2.9lb

300kg 661.4lb

Type 35



MP EYE COUPLER WITH LIFTING RING C4463

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











MP EYE COUPLER WITH 16MM/5/8" BUSHING **C4469**

Supplied with 16mm/5/8" spigot for light fixing accessories.







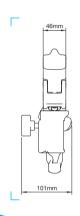
50kg 110.2lb

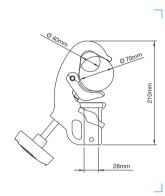
16mm

QUICK ACTION & PIPE

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.







28MM/1 1/8" BUSHING QUICK ACTION JUNIOR CLAMP C337

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.

PAT. PENDING



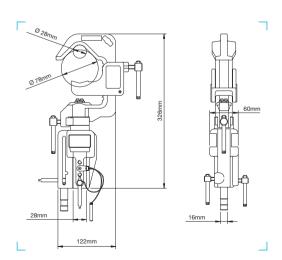




1.27kg 100kg 2.8lb 220.5lb 28mm 1 1/8"







SWIVELING "C" CLAMP C150

Works on diameters from 28mm to 78mm.

* 10kg/22lb on 16mm/5/8" attachment. 75kg/165.3lb on 28mm/1 1/8" attachment.





22/165.3lb*

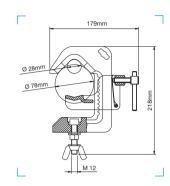












SWIVELING "C" CLAMP WITH M12 SCREW C151

Works on diameters from 28mm to 78mm.





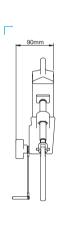


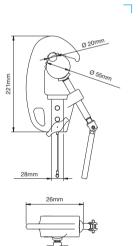


1.07kg 2.4lb

100kg 220.5lb







JUNIOR PIPE CLAMP WITH 28MM/1 1/8" SOCKET C100

Works on diameters from 20mm to 55mm.







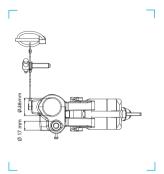


1.13kg 2.5lb

250kg 551.1lb

28mm 1 1/8"





BARREL CLAMP C345

Works on diameters from 42mm to 52mm.

*100kg/220.5lb on 16mm/5/8" attachment. 600kg/1322.8lb on 28mm/1 1/8" attachment.



2lb



220.5/1322.8lb





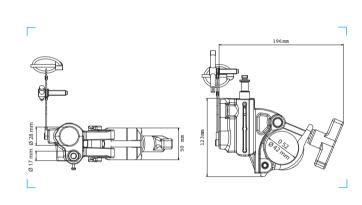












BARREL CLAMP C345K

Works on diameters from 42mm to 52mm.

*100kg/220.5lb on 16mm/5/8" attachment. 600kg/1322.8lb on 28mm/1 1/8" attachment.

















BARREL CLAMP C345BK

Same as C345K, black version. Works on diameters from 42mm to 52mm. *100kg/220.5lb on 16mm/5/8" attachment. 600kg/1322.8lb on 28mm/1 1/8" attachment.





220.5/1322.8lb





1 1/8"







5/8"





GRAB

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, quare or rectangular in section. It needs no adapter - just open and clamp it.



GRAB CLAMP C339

Supplied without attachment, but with a 12.5mm hole for custom fixings.







1.2ka 150kg 12.5mm hole



GRAB CLAMP WITH 16MM/5/8" BUSHING **C339BB**

Comes with 16mm/5/8" bushing complete with push button for extra-safe attachment.



3lb





50kg 110.2lb



GRAB CLAMP WITH UNIVERSAL HEAD C339UH

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











16mm



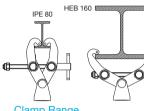
Clamp Range 40mm/1.57in to 65mm/2.55in



Clamp Range

36mm/1.41in to 47mm/1.85in





Clamp Range

IPE 80 to IPE 160 HEB 80 to HEB 160

GRAB CLAMP WITH LIFTING EYE C339LE

Complete with standard lifting eye for chain or rope fixture.





150ka



GRAB CLAMP WITH 28MM/1 1/8" TV SPIGOT **C339JS**

Supplied with 28mm/1 1/8" spigot.





330.7lb



Type 35



GRAB CLAMP WITH SPINNING PULLEY C339SP

Fitted with a 100mm/3.93in diameter pulley to offer a quick and robust hanging point for TV and theatre sceneries.







150kg 330.7lb

TELESCOPIC HANGERS

A convenient method of suspending luminaires from above for unobstructed floor areas. 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

Max load with 16mm spigot 10kg/22lb. Max load with 28mm socket 40kg/88.2.









O

Type 34

LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD C827 Not illustrated

Max load with 16mm spigot 10kg/22lb. Max load with 28mm socket 40kg/88.2.











212cm 381cm 83.5in 150in

6.8kg

Type 34

TELESCOPIC HANGER WITH UNIVERSAL HEAD C888UH

Max load with 16mm spigot 10kg/22lb. Max load with 28mm socket 40kg/88.2.



30.7in





10.1lb



Type34



MAGIC ARM 143N

Articulated arm, without accessories, with center level to lock all 3 movements. Lenght: 53cm/20.9in.











16mm/5/8" with 3/8" female attachment





VARIABLE FRICTION ARM 244N

Friction Arm with variable friction and locking of arm obtained by adjusting knob.





1.09kg 2.4lb

16mm/5/8" with 1/4" female attachment



Ø

16mm/5/8" with 3/8" female attachment



Autopoles

The ultimate adjustable lighting pole system can be used to fix a side light, wherever required on the stage. Its unique single action prop locking system exerts the right amount of pressure to

The ultimate adjustable lighting assure a secure fit, wedging the pole system can be used to fix a protective rubber ends in place, side light, wherever required on ceiling to floor.

The Autopole® system embodies a safety lock, to prevent accidental de-tensioning or movement.





Two pre-loaded positions can assure a terrific stability! This spring-loaded system is patented by Manfrotto.

PATENTED

AUTOPOLE 2 432-1.7 B

Two position variable thrust. Extends from 100cm/39.4in to 170cm/66.9in. Pole \emptyset : 45mm and 40mm. Silver or black finishing available. PATENTED



1.9kg 4.2lb

AUTOPOLE 2 432-2.7 B

Two position variable thrust. Extends from 150cm/59.1in to 270cm/106.3in. Pole Ø: 45mm and 40mm. Silver or black finishing available. PATENTED



2.23kg 4.9lb

AUTOPOLE 2 432-3.7 B

Two position variable thrust. Extends from 210cm/82.7in to 370cm/145.7in. Pole \varnothing : 45mm and 40mm. Silver or black finishing available. PATENTED



2.0kg 5.7lh





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. @: 16.5mm. Suitable for use with all Autopoles except Midi Autopole® 332 and Mini Pole 170.



AUTOPOLE BASE 032BASE B

For tubes: Ø 45mm. Legs Ø: 22mm.







86cm 126cm 33.9in 49.6in



EXTENSION TUBE 034 B

Autopole® Extension tube. Ø: 40mm. Length: 1,5m./59.1in Suitable for Autopole2® and Autopole®. Silver or black finishing available.



0.53kg

EXTENSION TUBE 033 B

 $\label{eq:autopole} \mbox{Autopole} \mbox{Extension tube. \varnothing: 40mm. Length: $2m/78.7$ in. Suitable for Autopole$^{\circ}$ and Autopole$^{\circ}$. Silver or black finishing available.}$



0.69kg



Accessories

All Manfrotto accessories provide for a high level of customization, thanks to a wide range that can accept any lighting fixture, in order to match any requirement.





SMALL SAND BAG **G100** (Sand not supplied)



6kg 13.2lb

LARGE SAND BAG **G200** (Sand not supplied)



10kg



WIND-BRACING KIT 087WBK

SAFETY CABLE C155

Diameter 4mm. Length 100cm/39.4in.



SAFETY COLLAR 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.

40MM SAFETY COLLAR 699 Not illustrated

Same as 698 for 40mm tubes.

TBAR 614 Not illustrated

4 x Lantern T Bar 122cm/48in long.



FIVE SOCKET BRACKET 169

100cm/39.4in long T Bar with 5x28mm/1 1/8" sockets for attaching up to 5 lighting fixtures. Designed to fit on stand or bracket with 28mm/1 1/8" socket. *When load on one side only, max load capacity: 15kg/33.1lb.







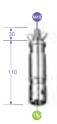


110.2lb*

28mm 28mm 1 1/8'

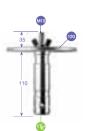


"T" Bar specifically design to carry six PAR 57 or 64 luminaires. Supplied with a built in TV male spigot. Max load capacity: 6kg/13.2lb on each attachments, only at the ends 12kg/26.5lb on each side.



620-10

28mm/1 1/8" male adapter.



163-10

28mm/1 1/8" male adapter.



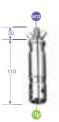
187

16mm/5/8" male adapter.



174

Hexagonal 16mm/5/8" lighting stud M10.



620-12

28mm/1 1/8" male adapter.



163-12

28mm/1 1/8" male adapter.



013

Spigot adapter.



036-38

Lighting stud 3/8".



264

Rounded 16mm/5/8" lighting stud M10.



066BT

Stud for stirrup.



QUICK LOCK ADAPTER **213**

Fix the brass adapter 066BT to your fixture, then fix the other component to a T-bar or C280 clamp; couple them together with one click. Your fixture is now hooked, just close the handle.



PAN SPIGOT M10 **616-10**

Rotating 28mm/1 1/8" 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.



SPEAKER ADAPTER FOR 28MM/1 1/8" BUSHING **618**

This speaker adapter (35mm diameter) can be mounted on all lightstands equipped with a 28mm/1 1/8" bushing.

Corporate Social Responsibility

GORPORATE IE ESCHALING SOCIAL RESPONSIBILE

CSR

Corporate Social Responsibility is an essential value for Manfrotto. We consider Corporate Responsibility as a significant way to employ our people energy and passion in order to generate a meaningful change. For this reason we are involved in several projects to support the fundamental human rights, particularly for kids, and to define specific programs aimed to minimize

the environmental impact. To support these causes we actively provide funding or equipment to the organizations we sustain. One of our main projects, started in 2007, is to sponsor the set-up and diffusion of the temporary and touring exhibition "Acholi un popolo da amare", about Acholi refugee camps in Northern Uganda, a country that suffered 20 years of civil war. This

exhibition has two objectives: the first one is to promote the further knowledge of the situation of this African tribe, and the second one is to raise funds to realize important humanitarian interventions in the area. Moreover we are supporting an international program run by the Dottor Clown Italia association, which aim is to keep suffering people amused during hospitalization.







We believe that, in order to succeed in our job, we also need to share principles and values that define our identity, meaning also a clear responsibility for the impact of our activities on employees, customers, shareholders, communities and the environment. A good relationship among these players - based on integrity, transparency and honesty - is very important to improve the quality of our lives.

In our everyday approach we adopt policies marked by fairness in order to improve outward transparency for our share holders. Because all human activity has an inevitable impact on the planet and can be contained and mitigated through research and the adoption of cutting-edge solutions, we have opted to use electrical energy from renewable sources for our most important plants.

We operate through certificates that are issued in the country where the production of electrical energy from renewable sources takes place. This encourages the development of a global renewable energy sources market and therefore promotes the spread of new production capacity. Social responsibility commitment is part of our company philosophy, an important part of our growth.

This type number refers to the spigot and socket variants shown in product specifications.

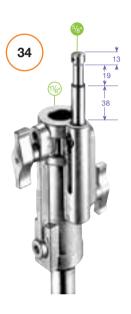
- Indicates an external thread or stud diameter
 - Metric Imperial
- Indicates an internal thread or socket diameter

 Metric Imperial

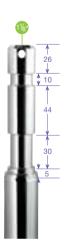
W: Indicates an internal thread or socket diameter



















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C345 C345K C345BK C460 C461 C463 C464 C465 C466 C480	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER	43 43 43 36 37 37 36 36 36 36
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C345 C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER 90° FIXED LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD	43 43 43 36 37 37 36 36 36 36 45
C345 C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER 90° FIXED LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD	43 43 43 36 37 37 36 36 36 36 45 45
C345 C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827 C888UH	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER 90° FIXED LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD	43 43 36 37 37 36 36 36 36 45 45 45
C345 C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827 C888UH C4460	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER 90° FIXED LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD MP EYE COUPLER	43 43 36 37 37 36 36 36 45 45 45 45
C345 C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827 C888UH C4460 C4461	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER 90° FIXED LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD MP EYE COUPLER MP EYE COUPLER	43 43 36 37 37 36 36 36 45 45 45 45 40 40
C345 C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827 C888UH C4460 C4461 C4463	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD MP EYE COUPLER MP EYE COUPLER MP EYE COUPLER MP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT MP EYE COUPLER WITH LIFTING RING	43 43 43 36 37 37 36 36 36 36 45 45 45 45 40 40
C345 C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827 C888UH C4460 C4461 C4463 C4464	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD MP EYE COUPLER MP EYE COUPLER MP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT MP EYE COUPLER WITH LIFTING RING MP EYE COUPLER WITH M12 BOLT PLUS NUT	43 43 43 36 37 37 36 36 36 45 45 45 45 40 40
C345 C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827 C888UH C4460 C4461 C4463 C4463 C4465	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER 90° FIXED LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD MP EYE COUPLER MP EYE COUPLER MP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT MP EYE COUPLER WITH LIFTING RING MP EYE COUPLER WITH M12 BOLT PLUS NUT MP EYE COUPLER WITH M12 BOLT PLUS NUT MP EYE COUPLER WITH M12 BOLT PLUS NUT	43 43 43 36 37 37 36 36 36 45 45 45 45 40 40 40
C345 C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827 C888UH C4460 C4461 C4463 C4464 C4465 C4469	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH M12 BOLT PLUS NUT CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER 90° FIXED LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD MP EYE COUPLER MP EYE COUPLER MP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT MP EYE COUPLER WITH M12 BOLT PLUS NUT MP EYE COUPLER WITH M12 BOLT PLUS NUT MP EYE COUPLER WITH 28MM-1 1/8" BUSHING MP EYE COUPLER WITH 28MM-1 1/8" BUSHING	43 43 36 37 37 36 36 36 45 45 45 45 40 40 40 40
C345 C345K C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827 C888UH C4460 C4461 C4463 C4465 C4465 C4469 C4470	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER 90° FIXED LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD MP EYE COUPLER MP EYE COUPLER MP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT MP EYE COUPLER WITH LIFTING RING MP EYE COUPLER WITH M12 BOLT PLUS NUT MP EYE COUPLER WITH 28MM-1 1/8" BUSHING MP EYE COUPLER WITH 16MM-5/8" BUSHING TILT AND SWIVEL MP EYE COUPLER	43 43 43 36 37 36 36 36 45 45 45 40 40 40 40 40
C345 C345K C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827 C888UH C4460 C4461 C4463 C4464 C4465 C4469 C4470 C4482	BARREL CLAMP BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER 90° FIXED LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD MP EYE COUPLER MP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT MP EYE COUPLER WITH LIFTING RING MP EYE COUPLER WITH 128MM-1 1/8" BUSHING MP EYE COUPLER WITH 28MM-1 1/8" BUSHING MP EYE COUPLER WITH 16MM-5/8" BUSHING TILT AND SWIVEL MP EYE COUPLER SWIVEL MP EYE COUPLER	43 43 43 36 37 37 36 36 36 45 45 45 40 40 40 40 40 40 39
C345 C345K C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827 C888UH C4460 C4461 C4463 C4464 C4465 C4465 C4469 C4470 C4482 C4485	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER 90° FIXED LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD MP EYE COUPLER MP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT MP EYE COUPLER WITH LIFTING RING MP EYE COUPLER WITH 128MM-1 1/8" BUSHING MP EYE COUPLER WITH 28MM-1 1/8" BUSHING MP EYE COUPLER WITH 16MM-5/8" BUSHING TILT AND SWIVEL MP EYE COUPLER SWIVEL AND TILT MP EYE COUPLER TRUSS SUPPORT 150-25	43 43 43 36 37 37 36 36 36 45 45 45 40 40 40 40 40 39 30 30 30 30 30 30 40 40 40 40 40 40 40 40 40 40 40 40 40
C345 C345K C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827 C888UH C4460 C4461 C4463 C4464 C4465 C4469 C4470 C4482 C4486	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER 90° FIXED LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD MP EYE COUPLER MP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT MP EYE COUPLER WITH LIFTING RING MP EYE COUPLER WITH 128MM-1 1/8" BUSHING MP EYE COUPLER WITH 28MM-1 1/8" BUSHING MP EYE COUPLER WITH 16MM-5/8" BUSHING TILT AND SWIVEL MP EYE COUPLER SWIVEL AND TILT TRUSS MP EYE COUPLER SUPPORT 150-25 SWIVEL AND TILT TRUSS MP EYE COUPLER SUPPORT 150-25	43 43 43 36 37 36 36 36 45 45 45 40 40 40 40 40 40 39 60 39 60 39 60 39 60 60 60 60 60 60 60 60 60 60
C345 C345K C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827 C888UH C4460 C4461 C4463 C4465 C4469 C4470 C4482 C4485 C4486 C4560	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER 90° FIXED LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD MP EYE COUPLER MP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT MP EYE COUPLER WITH LIFTING RING MP EYE COUPLER WITH M12 BOLT PLUS NUT MP EYE COUPLER WITH 16MM-5/8" BUSHING MP EYE COUPLER WITH 16MM-5/8" BUSHING TILT AND SWIVEL MP EYE COUPLER SWIVEL AND TILT TRUSS MP EYE COUPLER SUPPORT 150-25 SWIVEL AND TILT TRUSS MP EYE COUPLER SUPPORT 200-40 SLIM MP EYE COUPLER	43 43 43 36 37 37 36 36 36 45 45 45 40 40 40 40 40 39 80 39 80 39 80 80 80 80 80 80 80 80 80 80 80 80 80
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C345 C345K C345K C345K C345BK C460 C461 C463 C464 C465 C466 C480 C481 C482 C825 C827 C888UH C4460 C4461 C4463 C4464 C4465 C4469 C4470 C4482 C4485 C4486 C4564 G100 G200	BARREL CLAMP BARREL CLAMP BARREL CLAMP LP EYE COUPLER LP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH LIFTING RING LP EYE COUPLER WITH M12 BOLT PLUS NUT LP EYE COUPLER WITH 28MM-1 1/8" BUSHING CONNECTION KIT FOR LP EYE COUPLER PARALLEL LP EYE COUPLER 90° FIXED LP EYE COUPLER SWIVEL LP EYE COUPLER TELESCOPIC HANGER WITH UNIVERSAL HEAD LONG TELESCOPIC HANGER WITH UNIVERSAL HEAD MP EYE COUPLER WITH 28MM-1 1/8" TV SPIGOT MP EYE COUPLER WITH LIFTING RING MP EYE COUPLER WITH M12 BOLT PLUS NUT MP EYE COUPLER WITH 18MM-1 1/8" BUSHING MP EYE COUPLER WITH 16MM-5/8" BUSHING TILT AND SWIVEL MP EYE COUPLER SWIVEL MP EYE COUPLER SWIVEL AND TILT TRUSS MP EYE COUPLER SUPPORT 150-25 SWIVEL AND TILT TRUSS MP EYE COUPLER SUPPORT 200-40 SLIM MP EYE COUPLER MP EYE COUPLER WITH12MM BOLT PLUS NUT SMALL SAND BAG LARGE SAND BAG	43 43 43 36 37 36 36 36 45 45 45 40 40 40 40 40 38 40 40 40 40 40 40 40 40 40 40 40 40 40
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ADAISTANDS ARRCLAMPSY TARMS BACAUTOPOLESSUPPOI ACCESSAGCESSORIES

Minimum height



Maximum height



Closed length



Footprint diameter



Weight



Spigot size *



Socket size *

RT SYSTEM



Top tube diameter



Suggested wheels



Maximum evenly distributed load on level ground



Gravity cast



Black



Air cushioned



German Safety Standard



The products with the TÜV-GS symbol are developed and tested in accordance with DIN 15560 norm.

* 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 56.

Key to symbols



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Credits

Cover: Johannesburg, South Africa April 2008 by Electrosonic SA, image courtesy of Bruce Schwartz Pages 8, 30, 46, 50: Bologna, Italy, Kingcrow at Gods of Metal 2008, image courtesy of Daniele Mosconi

Product photography: Roberto Bigano/Multistudio Concept: Claim adv

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