

SENSOR & SURVEILLANCE SYSTEMS : TRIPODS

HERCULES SERIES

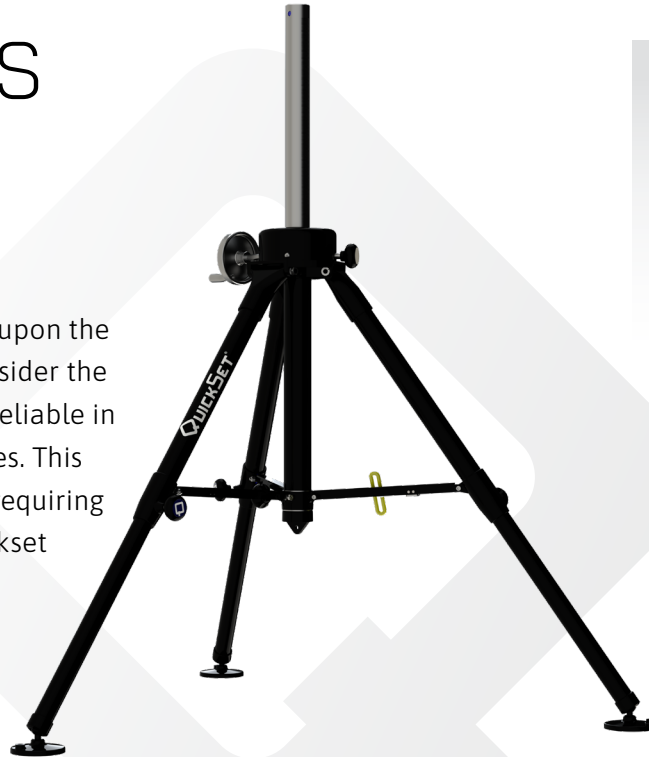
TRIPODS

When your mission depends upon the performance of a tripod, consider the Hercules, which has proven reliable in thousands of critical use cases. This track record of applications requiring 100% reliability assures Quickset loyalty and repeat business from major industrial firms and governments around the globe. The superb torsional stability of the Hercules

Series is matched by its support strength (up to 150 lb, 68 kg). A rack and pinion driven center column allow vertical height adjustments of 18 in (46 cm). No additional tools are required with the integrated mounting wrench attachment.

Gloved hands can easily operate locks thanks to their oversized knobs and handles. Tripod anchoring is available with an integrated tie-down on the middle strut tube foot plates with holes for external staking. Robust and thick-walled anodized tubular construction guarantees years of reliable performance, regardless of environment.

As the leader in instrument support and positioning systems, we offer a wide variety of tripods, heads and accessories to meet the challenging demands of our industrial and military users as well as custom solutions to satisfy your unique requirements.



KEY FEATURES

SYSTEM PERFORMANCE

- Payload capacity up to 150 lb
- Powder coated and anodized parts for resistance to harsh environments
- Adapters and heads for various payload configurations
- Exceptional torsional rigidity provides supreme payload stability
- Ball-and-socket jointed footplates provide exceptional stability
- Large extended footprint allows for stable operations in high winds
- Extension Mast Column Extender available



HERCULES SERIES : SPECIFICATIONS

HERCULES TRIPODS



Part Number	4-53021-8	4-53220-6	4-54504-2	4-53031-7BQ	4-58001-5
Description	Tripod Hercules	Tripod Hercules w/Elevator 4 in (10cm) Foot Plate	Pedestal Hercules Elevator 80 lb CAP	Tripod Hercules w/Elevator and Adapter	Pedestal, Hercules Stationary
Load Capacity	150 lbs (68 kg)	150 lbs (68 kg)	80 lbs (36.2 kg)	150 lbs (68 kg)	80 lbs (36.2 kg)
Maximum Height	70.4 in (178 cm)	57 in (144 cm)	55.25 in (140 cm)	175 in (444.5 cm)	50.26 in (128.6 cm)
Minimum Height	31.8 in (80 cm)	26 in (66 cm)	35.5 in (90 cm)	57 in (144.7)	31.9 in (81 cm)
Weight	28.5 (13 kg)	25.7 (11.7 kg)	40.2 lbs. (18.2 kg)	34.5 lbs (15.7 kg)	24 lbs (10.8 kg)
Leg Sections	2	2	N/A	2	N/A
Maximum Spread (Diameter Circle)	84.9 in (215 cm)	57 in (144 cm)	37.1 in (94.2 cm)	179 in (454.6 cm)	7.9 in (20 cm) Diameter platform
Mount Type	1.25 in (3 cm) I.D. hole in column	1.25 in (3 cm) I.D. hole in column	1.25 in (3 cm) I.D. hole in column	1.25 in (3 cm) I.D. hole in column	1.25 in (3 cm) I.D. hole in column
Column O. D.	1.984 in (5 cm) Diameter	1.984 in (5 cm) Diameter	1.984 in (5 cm) Diameter	1.984 in (5 cm) Diameter	1.984 in (5 cm) Diameter
Dimensions (Transport Mode)	40.5 x 12.5 in (102 x 31.3 cm)	30 x 12.5 in (76 x 31.3 cm)		88 in (2235 mm) x 13.4 in (341 mm) x 13 in (330 mm)	
Interface Description	Accepts 1.25 in (3 cm) posts Set screw for securing head	Accepts 1.25 in (3 cm) posts Set screw for securing head	Accepts 1.25 in (3 cm) posts Set screw for securing head	Accepts 1.25 in (3 cm) posts Set screw for securing head	Accepts 1.25 in (3 cm) posts Set screw for securing head
Special Features	Insert in column to accept cone point set screw	Insert in column to accept cone point set screw	Insert in column to accept cone point set screw	Insert in column to accept cone point set screw	Insert in column to accept cone point set screw
Column Extends	18 in (45.72 cm)	18 in (45.72 cm)	18 in (45.72 cm)	18 in (45.72 cm)	18 in (45.72 cm)
Color Options	Black, Marine Grey, Olive Drab & Desert Tan (CARC)				

HERCULES HEADS



Part Number	4-52217-3C	4-52304-9	4-52926-9C
Description	Head - Geared Hercules 6x9 50 lbs	Head - Cam Hercules WT CAP 80 lbs	Head - Geared Hercules Calibrated
Load Capacity	50 lbs (22 kg)	80 lbs (36 kg)	15-30 lbs
Range of Motion	45° Up / 45° Down 360° Azimuth	35° Up / 45° Down 360° Azimuth	45° Up / 45° Down 360° Azimuth
Type of Action	Geared	Friction (+ Cam)	Geared
Camera Plate	Removable, 9 in x 6 in (23 cm x 15 cm)	Removable 7.3 in x 3.7 in (18.5 cm x 9.4 cm)	Removable, 4.5 in x 4.5 in (11.4 cm x 11.4 cm)
Camera Screw	3/8 in - 16	1/4 in - 20 / 3/8 in - 16	1/4 in - 20
Mount Type	Post mount - fits Hercules 1.25 in (3 cm) I.D. columns	Post mount - fits Hercules 1.25 in (3 cm) I.D. columns	Post mount - fits Hercules 1.25 in (3 cm) I.D. columns
Mount Interface Diameter	1.25 in (3cm) O.D. fits Hercules columns	1.25 in (3cm) O.D. fits Hercules columns	1.25 in (3cm) O.D. fits Hercules columns
Clamping Mechanism	Post egress with 3/8-24 conical set-screw for securing to I.D. of Hercules column	Post egress with 3/8-24 conical set-screw for securing to I.D. of Hercules column	Post egress with 3/8-24 conical set-screw for securing to I.D. of Hercules column
Replacement Camera Plate	Camera Plate Kit 6-17021	Camera Plate Kit 6-17018	Camera Plate Kit 6-17019-5

COLUMN EXTENDER ACCESSORY



Part Number	6-17030
Extended Height	72 in (182.8 cm)
Stow Size	42 in X 3.6 in (106 cm x 9 cm) diameter
Extension Height	72 in (182 cm)
Retracted Height	38.95 in (98.9 cm)
Extension Weight	6.2 lbs (2.8 kg)
Maximum Payload Capacity Extended	70 lbs (31.8 kg)
Maximum Payload Capacity Retracted	90 lbs (41 kg)
Payload Attachment	Accepts all Hercules tripod heads and adapters. 4 bolt mounting pattern
Construction	2 telescoping sections: Section 1: 2.25 in (5.7 cm) diameter Section 2: 1.75 in (4.4 cm) diameter
Materials	Aluminum alloy with stainless steel fasteners
Compatible Models	Hercules Tripods: 4-53220 57 in (144 cm) 4-53021 70 in (177 cm) 4-53031 175 in (444 cm)

HERCULES SERIES : SPECIFICATIONS

HERCULES TRIPOD ACCESSORIES



Part Number	4-55732	4-55901-9A	4-55730-2	4-69020-2	4-75760-5
Description	Adapter for QPT-90/130/ DOD/Marine	Adapter 3-1/2 x 8 UN for Hercules	Tripod Hercules P/T Adapt QPT-50/90/130	Adapter for Hercules Accepts Gibraltar Heads	Adapter, Hercules Column to Samson Sleeve Mount
Mounts to	Hercules Columns	Hercules Columns	Hercules Columns	Hercules Columns	Hercules Columns
Provides Mounting of	2 Hole Patterns: 1) 6 x 0.34 in holes on 4.95 in bolt circle 2) 4 x 0.34 in holes on 4.75 in bolt circle Includes 6-5/16 in-24 bolts, nuts	Devices that have 3-1/2 in-8 UN thread	4 Hole Patterns: 1) 4 x 5/16 in -18 threaded holes on 5.30 in BC 2) 4 x 5/16 in -18 threaded holes on 4.95 in BC 3) 4 x 5/16 in-18 threaded holes on 4.75 in BC 4) 4 x 1/4 in-20 threaded holes on 4.75 in BC Includes 4 each 1/4 in-20 & 5/16 in -18 bolts, washers	Gibraltar Heads onto Hercules Tripods	Samson Heads onto Hercules Tripods
Additional Information	Fits Models: All QPT-90 classic models, All MPT-50, 8-MD166 needs CC83757, 7-7400B, 7-45510, 7-55510, 7-61RFB-18G, 7-62RFB-1816G	Secures with included pointed set screw	Fits Models: All QPT-90 classic models, All QPT-20 models, All MPT-50 models, 7-7400B, 7-45510, 7-55510, 7-61RFB-18G, 7-62RFB-1816G	Bolts to flat surfaces with 4-65750 Adapter	



Part Number	4-55142-0	4-65701-1	4-65901-7	4-56021
Description	Theodolite Adapter, fits Hercules Column	Adapter Wedge Receiver to be used with 4-65901-7 (wedge plate)	Adapter Wedge Plate to be used with 4-65701-1 (wedge receiver)	Dolly, 4 in (10.16 cm) or 6 in (15.24 cm) foot pad
Mounts to	Hercules Columns	Various items such as Cameras	Various items such as Cameras	Fits Hercules and Gibraltar tripods with footplates
Provides Mounting of	5/8" - 11 Stud, 0.48 in above 5.46" round plate	3 Hole Patterns for Mounting: 1) 4x .188 hole on 7.50 x 6.50 in pattern 2) 4x .265 in hole on 6.75 x 5 in pattern 3) 2 x 3/8 in-16 threaded holes 3.52 in apart	Various items such as Cameras: 2 slots 2.4 in in length running on center line, with two 3/8 in-16 bolts, nuts included. 1x .406 in Ø hole in center of plate 2x .266 Ø holes, 1 in apart on centerline	Fits Hercules and Gibraltar tripods with footplates
Additional Information	Secures with perpendicular screw clamp	With 4-52217-3C head		



HERCULES 0326