



Gibraltar, Hercules and Samson Series Tripods

Moog incorporates over 75 years of experience in the design and manufacture of tripod support and positioning systems with unsurpassed reliability and performance.

When your application relies upon the critical performance of a tripod system; the Gibraltar, Hercules and Samson series provide proven dependability.

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.



Tripods – Specifications

Gibraltar Tripods Specifications			
	Product Number		
	4-60450-0A	4-63020-8A	4-63120-6A
Description:	Tripod-AMT	Tripod with Elevator	Tripod with Elevator
Load Capacity:	400 lbs (181.8 kg)	200 lbs (91 kg)	200 lbs (91 kg)
Maximum Height:	41" (104 cm)	85" (215.9 cm)	65" (165.1 cm)
Minimum Height:	25" (64.5 cm)	41.5" (105cm)	31.5" (80 cm)
Dimensions (Transport Mode):	14" x 30.5" (35.5 x 77 cm)	17.5" x 49.5" (44 x 124 cm)	17.5" x 37" (44 x 93 cm)
Maximum Spread (Diameter):	55" (139.7 cm)	81" (205 cm)	63" (160 cm)
Weight:	22 lbs (10 kg)	42 lbs (19.1 kg)	33.5 lbs (15 kg)
Leg Sections:	2	2	2
Column Travel:	No Column	18" (45 cm)	18" (45 cm)
Column Outside Diameter:	N/A	2.375" (6.03 cm)	2.375" (6.03 cm)
Feet Ø:	6" (15.2 cm) – 5/8" Hole for Spiking	6" (15.2 cm) – 5/8" Hole for Spiking	6" (15.2 cm) – 5/8" Hole for Spiking
Other Colors:	Olive Drab, P/N: 4-60450-OD	Available upon request	Available upon request

Hercules Tripods Specifications				
	Product Number			
	4-53021-8	4-53220-6	4-54504-2	4-53031-7BQ
Description:	Tripod with Elevator	Tripod with Elevator Short	Pedestal – Mobile	Tripod – Extended Height
Load Capacity:	150 lbs (68 kg)	150 lbs (68 kg)	80 lbs (36 kg)	150 lbs (68 kg)
Maximum Height:	70" (178 cm)	57" (144 cm)	56" (142 cm)	175" (444 cm)
Minimum Height:	33.5" (85 cm)	26" (66cm)	38" (96.5cm)	90" (228 cm)
Dimensions (Transport Mode):	40.5" x 12.5" (102 x 31.3 cm)	30" x 12.5" (76 x 31.3 cm)	38" x 14" (97 x 35 cm) (Not Assembled)	88" x 13 3/4" x 10" (223.5 x 33 x 26 cm)
Maximum Spread (Diameter):	73" (185 cm)	50.5" (128 cm)	34" (85 cm)	139" (353 cm)
Weight:	23 lbs (10.4 kg)	18 lbs (8.2 kg)	35 lbs (15.9 kg)	46 lbs (20.9 kg)
Leg Sections:	2	2	N/A	2
Column Travel:	18" (45 cm)	18" (45 cm)	18" (45 cm)	17.5" (44.4 cm)
Column Outside Diameter:	2" (5 cm)	2" (5 cm)	2" (5 cm)	2" (5 cm)
Wheel Size:	N/A	N/A	4" x 1" (10 x 2.5 cm)	N/A
Feet Ø:	4" (10 cm) 5/8" Hole for Spiking	4" (10 cm) 5/8" Hole for Spiking	N/A	4" (10 cm) 5/8" Hole for Spiking
Other Colors:	Available upon request	Available upon request	Available upon request	Available upon request

Samson Tripods Specifications

	Product Number			
	4-73010-7B	4-73500-7B	4-74425-6A	4-74500-7BQ
Description:	Tripod with Elevator	Tripod with Elevator Short	Tripod with Foot Plates	Pedestal Mobile
Load Capacity:	40 lbs (18.2 kg)	40 lbs (18.2 kg)	40 lbs (18.2 kg)	40 lbs (18.2 kg)
Maximum Height:	76" (193 cm)	60" (152 cm)	76" (193 cm)	55" (139.7 cm)
Minimum Height:	34" (86.4 cm)	24" (61 cm)	34" (86.4 cm)	37" (94 cm)
Dimensions (Transport Mode):	41" x 8" (104 x 20 cm)	28" x 8" (71 x 20 cm)	41" x 8" (104 x 20 cm)	41.5" x 10" (105 x 25 cm) (Not Assembled)
Maximum Spread (Diameter):	68" (173 cm)	47" (119 cm)	68" (173 cm)	28" (71 cm)
Weight:	10 lbs (4.5 kg)	8.5 lbs (3.8 kg)	11 lbs (5 kg)	23 lbs (10.5 kg)
Leg Sections:	2	3	2	N/A
Column Travel:	18" (45 cm)	18" (45 cm)	18" (45 cm)	18" (45 cm)
Column Outside Diameter:	1.75" (4.4 cm)	1.75" (4.4 cm)	1.75" (4.4 cm)	1.75" (4.4 cm)
Wheel Size:	N/A	N/A	N/A	4" x 1" (10 x 2.5 cm) Lockable
Foot Plate Ø:	N/A	N/A	4" Ø (10 cm) 5/8" Hole for Spiking	N/A
Rubberball-Spike Ø:	1.5" (3.8 cm)	1.5" (3.8 cm)	N/A	N/A

Samson Microwave Tripods Specifications

	Product Number	
	4-74420-7B	4-74424-9C
Description:	Tripod-Microwave with Friction Head	Tripod-Microwave with Friction Head
Load Capacity:	35 lbs (16 kg)	35 lbs (16 kg)
Maximum Height:	64" (162 cm)	64" (162 cm)
Minimum Height:	40.5" (103 cm)	34" (86.4 cm)
Dimensions (Transport Mode):	45" x 9" (114 x 22.5 cm)	45" x 9" (114 x 22.5 cm)
Maximum Spread:	60" (152 cm)	60" (152 cm)
Weight:	15.5 lbs (7 kg)	17 lbs (7.8 kg)
Leg Sections:	2	2
Column Travel:	N/A	N/A
Column Outside Diameter:	N/A	N/A
Feet Ø:	4" Ø (10 cm) 5/8" Hole for Spiking	4" Ø (10 cm) 5/8" Hole for Spiking
Pan Movement:	360°	360°
Tilt Movement:	40° up, 90° down	45° up, 90° down
Camera Screw:	1/4 - 20	1/4 - 20
Camera Plate:	Fixed 4.5" x 4.5" (11.25 x 11.25 cm)	Quick Change 4" x 4" (10 x 10 cm)



4-74420-7B

Tripod Heads – Specifications

Gibraltar Tripod Heads Specifications

	Product Number	
	4-62050-6	4-62926-7
Description:	Head-Relay Tilt	Head-Geared with Calibrations
Load Capacity:	330 lbs (150 kg)	200 lbs (90.9 kg)
Dimensions (Without Arm):	6.5" x 6.5" x 7" (16.5 x 16.5 x 17.8 cm)	10" x 10" x 12" (25.4 x 25.4 x 30.5 cm)
Control Arm:	Optional	0
Weight:	30 lbs (13.6 kg)	21 lbs (9.5 kg)
Mounting Type:	Spanner Nut 2.75" – 12 (6.8 cm)	Post O.D. 1.75" (4.37 cm)
Pan Movement:	360°	360°
Tilt Movement:	30° Up, 38° Down	53° Up, 67° Down
Gear Ratio:	N/A	Pan: 1:96 Tilt: 1:128
Camera Screw:	0.5"–13 Female (Center)	3/8–16
Camera Plate:	6.5" x 6.5" Fixed (16.5 x 16.5 cm)	8" x 10" Fixed (20 x 25.4 cm)
Additional Features:	Heavy Duty Lock Model Available (Model #4-64051-4)	N/A



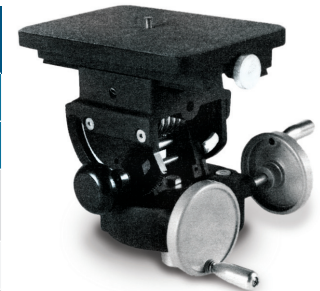
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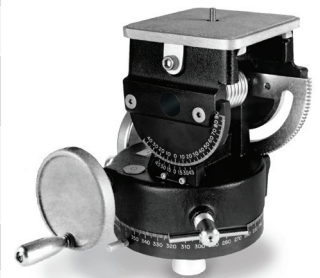
4-62926-7

Hercules Tripod Heads Specifications

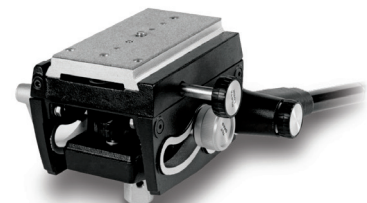
	Product Number		
	4-52217-3	4-52926-9	4-52304-9
Description:	Head-Geared w/ Large Platform	Head-Geared w/ Calibrations	Head-Cam
Load Capacity:	50 lbs (22.7 kg)	30 lbs (13.6 kg)	80 lbs (36.3 kg)
Dimensions (Transport Mode):	8" x 10.5" x 11.5" (20 x 26.6 x 29.2 cm)	8" x 9.5" x 10.75" (20 x 23.7 x 26.9 cm)	11.75" x 8.25" x 5.5" (20 x 23.7 x 26.9 cm)
Control Arm:	0	0	2
Weight:	12 lbs (5.5 kg)	9 lbs (4.1 kg)	13.5 lbs (6.1 kg) w/ 2 Control Arms
Mounting Type:	Special Post 1.250" x 1.5"L (31.5"Ø x 38 mmL)	Special Post 1.250" x 1.5"L (31.5"Ø x 38 mmL)	Special Post 1.250" x 1.5"L (31.5"Ø x 38 mmL)
Pan Movement:	360°	360°	360°
Tilt Movement:	45° Up, 45° Down	45° Up, 90° Down	35° Up, 45° Down
Gear Ratio:	Pan – 1:96 Tilt – 1:129	Pan – 1:96 Tilt – 1:129	N/A
Camera Screw:	3/8-16	1/4-20	1/4-20 – 3/8-16
Camera Plate (Adjustable):	9" x 6" (22.5 x 15 cm)	4" x 4" (10 x 10 cm)	4.5" x 10" (11.25 x 39 cm)



4-52217-3



4-52926-9



4-52304-9

Samson Tripod Heads Specifications

	Product Number		
	4-72011-6B	4-72512-3	4-72612-S3
Description:	Head Friction	Head-Geared and Side Tilt	Head-Geared
Load Capacity:	35 lbs (16 kg)	25 lbs (11.4 kg)	35 lbs (16 kg)
Dimensions (without Control Arms):	5.5 x 6.5 x 6.5" (14.1 x 16.6 x 16.6 cm)	8.5 x 6.5 x 6" (21.6 x 16.5 x 15.2 cm)	11.75 x 8.25 x 5.5" (15.2 x 16.5 x 19 cm)
Control Arm:	2	0	1
Weight:	2.5 lbs (1.1 kg)	2.5 lbs (1.1 kg)	2 lbs (1 kg)
Mounting Type:	Sleeve I.D. 1.75" (4.4 cm)	Sleeve I.D. 1.75" (4.4 cm)	Sleeve I.D. 1.75" (4.4 cm)
Pan Movement:	360°	360°	360°
Tilt Movement:	45° Up, 90° Down	45° Up, 90° Down	35° Up, 90° Down
Gear Ratio:	N/A	1:150	1:150
Camera Screw:	1/4-20	1/4-20	1/4-20
Camera Plate (Adjustable):	2.25" x 4.25" (5.6 x 10.6 cm) Fixed	6.25" x 8.5" (16.5 x 21.6 cm) Fixed	2.25" x 4.25" (5.6 x 10.6 cm) Fixed
Operational Camera Plate P/N 6-16004-8:	N/A	N/A	N/A



4-72011-6B




4-72512-3



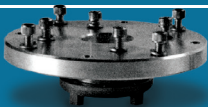
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Tripod Accessories – Specifications

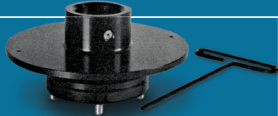


Gibraltar Wedge Specifications

	Product Number
	 Plate: 4-65901-7 Adapter: 4-65701-1
Plate Dimensions:	8.5" x 2.5" x 5.25" (21.59 x 6.35 x 13.3 cm)
Plate Weight:	2.14 lbs (0.97 kg)
Adapter Dimensions:	8.5" x 7.5" (21.5 x 19 cm)
Adapter Weight:	5.07 lbs (2.3 kg)


Gibraltar Pan and Tilt Adapter Specifications

	Product Number
	 4-65740-9
Fits:	Gibraltar 4-60450-0A
Accepts:	Any Quickset Pan and Tilt Unit
Flange Diameter:	8" (20.32 cm)
Weight:	5.04 lbs (2.28 kg)

Gibraltar Conversion Adapter Specifications

	Product Number		
	 4-55860-7	 4-69010-3	 4-65850-6
Fits:	Gibraltar 4-60450-0A	Column I.D. 1.75" (4.4 cm)	Gibraltar 4-60450-0A
Accepts:	Hercules Post I.D. 1.25" (3.1 cm)	Hercules Post O.D. 1.25" (3.1 cm)	Gibraltar Post I.D. 1.75" (4.4 cm)
Weight:	2.3 lbs (1.04 kg)	13 oz (0.372 kg)	13.5 lbs (6.1 kg) w/ 2 Control Arms
Flange Diameter:	N/A	N/A	5.46" (13.9 cm)

Gibraltar Dolly Specifications

	Product Number
	 4-56021
Load Capacity:	500 lbs (227 kg)
Maximum Height:	7.5" (18.7 cm)
Minimum Height:	N/A
Dimensions (Transport Mode):	31" x 17.5" x 10.5" (78 x 44.5 x 26.6 cm)
Maximum Spread:	47" (119 cm)
Weight:	19 lbs (8.6 kg)
Wheel Size:	4" x 1" (10 x 2.5 cm) Wheels Lockable


Gibraltar Control Arm Specifications

	Product Number
	 4-65330-9
Compatible Heads:	4-62050-6, 4-62051-4
Length:	14" (35.5 cm)
Weight:	1 lb (0.45 kg)




Gibraltar Tripod (4-60540-0A)
with special head configuration


Hercules Control Arm Specifications

	Product Number
	
	4-55040-6
Compatible Heads:	4-52304-9
Length:	14" – 19.5" (35.5 – 49.5 cm)
Weight:	1.2 lbs (0.54 kg)

Hercules Pan & Tilt Adapter Specifications

	Product Number
	
	4-55730-2
Fits:	Hercules Column 1.25" (3.17 cm) I.D.
Accepts:	Pan/Tilt QPT50/90/130
Flange Diameter:	6" (15.24 cm)
Weight:	2 lbs (.90 kg)



Hercules Hi-Hat Specifications

	Product Number
	
	4-75350-5
Accepts:	Sleeve Mount Heads
Post Diameter:	1.75" (4.4 cm)
Post Height:	1.87" (4.7 cm)
Flange Diameter:	5.62" (14.2 cm)
Overall Height:	2.87" (7.2 cm)
Through Holes (4x):	0.418" (1 cm)
Bolt Circle:	4.7" (11.9 cm)
Weight:	1.4 lbs (0.63 kg)



Hercules Transit Adapter Specifications

	Product Number
	
	4-55901-9A
Fits:	Hercules Column 1.25" (3.17 cm) I.D.
Weight:	1.4 lbs (0.63 kg)


Hercules Dolly and Pedestal Specifications

	Product Number	
		
	4-56021	4-58001-5
Description:	Dolly	Pedestal – Stationary
Load Capacity:	500 lbs (227 kg)	80 lbs (36.3 kg)
Maximum Height:	7.5" (18.7 cm) (Not Adjustable)	50" (127 cm)
Minimum Height:	N/A	32" (81 cm)
Dimensions (Transport Mode):	31" x 17.5" x 10.5" (78 x 44.5 x 26.6 cm)	29" x 12" (73 x 30 cm)
Maximum Spread:	47" (119.3 cm)	N/A
Weight:	19 lbs (8.6 kg)	16.5 lbs (7.5 kg)
Column Travel:	N/A	18" (45 cm)
Column Outside Diameter:	N/A	2" (5 cm)
Mounting Base:	N/A	Flange, 0.563 Hole Through 4 PL. on 7 Ø B.C.
Wheel Diameter:	4" x 1" (10 x 2.5 cm)	N/A

Hercules Conversion Adapter Specifications

	Product Number	
		
	4-69020-2	4-75760-5
Fits:	Hercules Column 1.25" (3.17 cm) I.D.	Hercules Column 1.25" (3.17 cm) I.D.
Accepts:	Gibraltar Heads with 1.75" (4.4 cm) Post	Samson Sleeve Mount Heads Post O.D. 1.75" (4.4 cm)
Weight:	13 oz (0.372 kg)	12 oz (0.340 kg)

Hercules Theodite Adapter Specifications


	Product Number
	
	4-55142-0
Fits:	Hercules Column 1.25" (3.17 cm) I.D.
Accepts:	5/8-11 Female Thread
Rotates:	360°
Flange Ø:	5.46" (13.9 cm)
Weight:	2.36 lbs (1.07 kg)

Hercules Spike-Tip Specifications


	Product Number
	
	4-55110-7
Fits:	4-53021-8 or 4-53220-6 Hercules Tripods
Weight:	12 oz (0.340 kg)
Quantity:	Set of 3

Tripod Accessories – Specifications


Samson Pan and Tilt Adapter Specifications

	Product Number
	 4-75915
Fits:	Samson Column 1.75" (4.4 cm) O.D.
Accepts:	QPT 20 Pan and Tilts
Weight:	12 oz (0.340 kg)


Samson Column Adapter Specifications

	Product Number
	 4-75750-6
Fits:	Samson Column 1.75" (4.4 cm) O.D.
Accepts:	Hercules Ø Post 1.25" (3.1 cm)
Weight:	12 oz (0.340 kg)


Samson Spike Ball Foot Specifications

	Product Number
	 6-15004-9 6-15000-7
Size:	Ball Ø 1.5", Spike 0.5"
Weight:	1 lb (0.45 kg)
Quantity:	Set of 3

Samson Foot Bad Specifications

	Product Number
	 6-15001-5
Size:	4" Ø (10 cm) 5/8" Thru hole for spiking
Weight:	14 oz (0.396 kg)
Quantity:	Set of 3

Samson Dolly Specifications

	Product Number
	 4-56030-6
Load Capacity:	100 lb (45.35 kg)
Transport Dimensions:	25.5" x 8.5" (65 x 21.2 cm)
Maximum Spread:	38.5" (98 cm)
Weight:	10 lbs (4.5 kg)
Wheels:	4" x 1" (10.1 x 2.5 cm) Wheels Lockable

Samson Hi-Hat Specifications

	Product Number
	 4-75350-5
Accepts:	Samson Sleeve Mount Heads
Post Diameter:	1.75" (4.4 cm)
Post Height:	1.87" (4.7 cm)
Flange Diameter:	5.62" (14.2 cm)
Overall Height:	2.87" (7.2 cm)
Through Holes (4x):	0.418" (1 cm)
Bolt Circle:	4.7" (11.9 cm)
Weight:	1.4 lbs (0.63 kg)



Hercules Tripod (4-53021-8)
with special
head configuration

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