## GIBRALTAR, HERCULES AND SAMSON SERIES <br> TRIPODS



Quickset 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 Column | Tripod with Column |
| Load Capacity | 400 lb ( 181.8 kg ) | $200 \mathrm{lb}(91 \mathrm{~kg}$ ) | $200 \mathrm{lb}(91 \mathrm{~kg}$ ) |
| Maximum Height | $41 \mathrm{in} \mathrm{(104} \mathrm{cm)}$ | 85 in (216 cm) | 65 in (165.1 cm) |
| Minimum Height | 25 in ( 64.5 cm ) | 41.5 in ( 105 cm ) | 30 in (76.2 cm) |
| Dimensions (Transport Mode) | $13 \times 30.4$ in ( $33.4 \times 77.3 \mathrm{~cm}$ ) | $17.4 \times 49$ in ( $44.2 \times 124.5 \mathrm{~cm}$ ) | $17.5 \times 37$ in ( $44 \times 93 \mathrm{~cm}$ ) |
| Maximum Spread (Diameter) | 72 in (182.9 cm) | 95 in (242 cm) | 73.6 in (187 cm) |
| Weight | 23 lb ( 10.4 kg ) | $41.6 \mathrm{lb}(18.9 \mathrm{~kg})$ | $33.5 \mathrm{lb}(15 \mathrm{~kg})$ |
| Column Travel | No Column | 21 in (53.3 cm) | 21 in ( 53.3 cm ) |
| Column Outside Diameter | N/A | 2.37 in (6.02 cm) | 2.37 in (6.02 cm) |
| Foot Plate Diameter | 6 in (15.2 cm) to 3/8 in Hole for Staking | 6 in (15.2 cm) to 3/8 in Hole for Staking | 6 in (15.2 cm) to 3/8 in Hole for Staking |
| Color Options | Black, Marine Grey, Olive Drab \& Desert Tan (CARC) |  |  |

HERCULES TRIPODS SPECIFICATIONS

| Product Number | 4-53021-8 | 4-53220-6 | 4-53031-7BQ | 4-54504-2 |
| :---: | :---: | :---: | :---: | :---: |
| Description | Tripod with Column | Tripod with Column - Short | Tripod with Column Extended Height | Pedestal - Mobile |
| Load Capacity | $150 \mathrm{lb}(68 \mathrm{~kg})$ | $150 \mathrm{lb}(68 \mathrm{~kg})$ | 150 lb (68 kg) | $80 \mathrm{lb}(36 \mathrm{~kg})$ |
| Maximum Height | 70 in (178 cm) | 57 in (144 cm) | 155 in (393.7 cm) | 56 in (142 cm) |
| Minimum Height | 31.6 in (80.3 cm) | 26 in (66 cm) | 75 in (190.5 cm) | 38 in (96.5 cm) |
| Dimensions (Transport Mode) | $\begin{gathered} 40.5 \times 12.5 \mathrm{in} \\ (102 \times 31.3 \mathrm{~cm}) \end{gathered}$ | $\begin{gathered} 30 \times 12.5 \mathrm{in} \\ (76 \times 31.3 \mathrm{~cm}) \\ \hline \end{gathered}$ | $\begin{gathered} 88 \times 13.5 \times 13 \text { in } \\ (223.5 \times 34.3 \times 33 \mathrm{~cm}) \\ \hline \end{gathered}$ | $\begin{gathered} 38 \times 14 \text { in }(97 \times 35 \mathrm{~cm}) \\ (\text { Not Assembled) } \\ \hline \end{gathered}$ |
| Maximum Spread (Diameter) | 86 in (217.8 cm) | 57.5 in ( 146.1 cm ) | 178.8 in ( 454 cm ) | $34 \mathrm{in} \mathrm{(85} \mathrm{cm)}$ |
| Weight | $25.4 \mathrm{lb}(11.5 \mathrm{~kg})$ | $21.2 \mathrm{lb}(9.6 \mathrm{~kg})$ | $46 \mathrm{lb}(20.9 \mathrm{~kg})$ | $35 \mathrm{lb}(15.9 \mathrm{~kg}$ ) |
| Column Travel | 18 in (45 cm) | 18 in (45 cm) | 17.5 in ( 44.4 cm ) | 18 in (45 cm) |
| Column Outside Diameter | 2 in (5 cm) | 2 in (5 cm) | 2 in (5 cm) | 2 in (5 cm) |
| Foot Plate Diameter | 4 in ( 10 cm ) 3/8 in Hole for Staking | 4 in ( 10 cm ) 3/8 in Hole for Staking | 4 in ( 10 cm ) 3/8 in Hole for Staking | N/A |
| Color Options | Black, Marine Grey, Olive Drab \& Desert Tan (CARC) |  |  |  |



SAMSON TRIPODS SPECIFICATIONS

| Product Number | 4-73010-7B | 4-73500-7B | 4-74429 | 4-74420-7B |
| :---: | :---: | :---: | :---: | :---: |
| Description | Tripod with Column | Tripod with Column - Short | Tripod without Column | Tripod with Friction Head |
| Load Capacity | 40 lb ( 18.2 kg ) | 40 lb ( 18.2 kg ) | $50 \mathrm{lb}(22.7 \mathrm{~kg})$ | 35 lb (16 kg) |
| Maximum Height | 76 in (193 cm) | 60 in (152 cm) | 38.2 in (97 cm) | 64 in (162 cm) |
| Minimum Height | 34 in (86.4 cm) | $24 \mathrm{in} \mathrm{(61} \mathrm{cm)}$ | 19 in (48.3 cm) | 40 in (102 cm) |
| Dimensions (Transport Mode) | $\begin{aligned} & 38.6 \times 7.5 \text { in } \\ & (98 \times 19 \mathrm{~cm}) \end{aligned}$ | $\begin{gathered} 24 \times 10 \mathrm{in} \\ (61.7 \times 24.7 \mathrm{~cm}) \end{gathered}$ | $\begin{gathered} 22.8 \times 10 \mathrm{in} \\ (57.9 \times 25.4 \mathrm{~cm}) \end{gathered}$ | $\begin{gathered} 45 \times 10.5 \mathrm{in} \\ (114 \times 26.7 \mathrm{~cm}) \end{gathered}$ |
| Maximum Spread (Diameter) | 70 in (177.8 cm) | $47 \mathrm{in} \mathrm{(119} \mathrm{cm)}$ | 58 in (147.3 cm) | 76 in (193 cm) |
| Weight | $10 \mathrm{lb}(4.5 \mathrm{~kg})$ | $8.5 \mathrm{lb}(3.8 \mathrm{~kg})$ | $7 \mathrm{lb}(3.2 \mathrm{~kg})$ | $15.5 \mathrm{lb}(7 \mathrm{~kg})$ |
| Leg Sections | 2 | 3 | 3 | 2 |
| Column Travel | 18 in (45 cm) | 18 in (45 cm) | N/A | N/A |
| Column Outside Diameter | 1.75 in (4.4 cm) | 1.75 in (4.4 cm) | N/A | N/A |
| Rubber Feet / Spike Feet | Yes | Yes | N/A | 4 in ( 10 cm ) 3/8 in Hole for Staking |
| Color Options | Black, Marine Grey, Olive Drab \& Desert Tan (CARC) |  |  |  |



## TRIPOD HEADS - SPECIFICATIONS

GIBRALTAR TRIPOD HEADS SPECIFICATIONS

|  |  |  |
| :---: | :---: | :---: |
| Product Number | 4-62050-6 | 4-62926-7 |
| Description | Head - Relay Tilt with Vernier Scales | Head-Geared with Vernier Scale |
| Mates With | 4-60450 Tripod | 4-63020 \& 4-63120 Tripods |
| Load Capacity | $330 \mathrm{lb}(150 \mathrm{~kg})$ | $180 \mathrm{lb}(90.9 \mathrm{~kg})$ |
| Dimensions (Without Arm) *as measured after mounting | $\begin{gathered} 8.1 \times 6.7 \times 8 \mathrm{in} \\ (20.6 \times 17 \times 20.3 \mathrm{~cm}) \end{gathered}$ | $\begin{gathered} 12.5 \times 10 \times 13 \mathrm{in} \\ (31.8 \times 25.4 \times 33 \mathrm{~cm}) \end{gathered}$ |
| Control Arm | Optional | N/A |
| Weight | $30 \mathrm{lb}(13.6 \mathrm{~kg})$ | $21 \mathrm{lb}(9.5 \mathrm{~kg})$ |
| Mounting Type | Spanner Nut 2.75 in - 12 (6.8 cm) | Head has Male Post OD of 1.75 in Mates with Gibraltar Column ID |
| Pan Movement | $360^{\circ}$ | $360^{\circ}$ |
| Tilt Movement | $30^{\circ} \mathrm{Up}, 38^{\circ}$ Down | $53^{\circ}$ Up, $67^{\circ}$ Down |
| Payload Screw | 1/2 in -13 Female Threads (Center) | $3 / 8$ in - 16 Male Thread |
| Payload Plate | $5-3 / 8 \times 6.5$ in ( $13.7 \times 16.5 \mathrm{~cm}$ ) | $8 \times 10$ in Fixed ( $20 \times 25.4 \mathrm{~cm}$ ) |
| Additional Features | Heavy Duty Lock Model Available (Model \#4-64051-4) | N/A |

HERCULES TRIPOD HEADS SPECIFICATIONS

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## SAMSON TRIPOD HEADS SPECIFICATIONS

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| :---: | :---: | :---: | :---: |
| Product Number | 4-72011-6B | 4-72512-3 | 4-72612-S3 |
| Description | Head Friction | Head-Geared and Side Tilt | Head-Geared |
| Load Capacity | 35 lb (16 kg) | $25 \mathrm{lb}(11.4 \mathrm{~kg})$ | $35 \mathrm{lb}(16 \mathrm{~kg})$ |
| Dimensions (Without Control Arms) | $\begin{gathered} 5.5 \times 6.5 \times 6.5 \mathrm{in} \\ (14.1 \times 16.6 \times 16.6 \mathrm{~cm}) \end{gathered}$ | $\begin{gathered} 8.5 \times 6.5 \times 6 \text { in } \\ (21.6 \times 16.5 \times 15.2 \mathrm{~cm}) \end{gathered}$ | $\begin{gathered} 6.25 \times 6.5 \times 5.5 \mathrm{in} \\ (15.9 \times 16.5 \times 14 \mathrm{~cm}) \end{gathered}$ |
| Control Arm | 2 | 0 | 1 |
| Weight | $2.5 \mathrm{lb}(1.1 \mathrm{~kg})$ | $2.5 \mathrm{lb}(1.1 \mathrm{~kg})$ | $2 \mathrm{lb}(1 \mathrm{~kg})$ |
| Mounting Type | Head has a 1.75 in ID Sleeve Coupling to accept Samson Columns |  |  |
| Pan Movement | $360^{\circ}$ | $360^{\circ}$ | $360^{\circ}$ |
| Tilt Movement | $45^{\circ} \mathrm{Up}, 90^{\circ}$ Down | $45^{\circ}$ Up, $90^{\circ}$ Down | $35^{\circ}$ Up, $90^{\circ}$ Down |
| Gear Ratio | N/A | 1:150 | 1:150 |
| Camera Screw | 1/4 in-20 Male Thread | 1/4 in-20 Male Thread | 1/4 in-20 Male Thread |
| Camera Plate (Adjustable) | $\begin{gathered} 2.25 \times 4.25 \text { in } \\ (5.6 \times 10.6 \mathrm{~cm}) \text { Fixed } \end{gathered}$ | $\begin{gathered} 6.25 \times 8.5 \mathrm{in} \\ (16.5 \times 21.6 \mathrm{~cm}) \text { Fixed } \\ \hline \end{gathered}$ | $\begin{gathered} 2.25 \times 4.25 \text { in } \\ (5.6 \times 10.6 \mathrm{~cm}) \text { Fixed } \end{gathered}$ |



## TRIPOD ACCESSORIES - SPECIFICATIONS

| GIBRALTAR WEDGE SPECIFICATIONS |
| :--- |
|   <br>  Adapter: $4-65701-1 \quad$ Plate: $4-65901-7$ <br> Product Number $8.5 \times 6 \times 0.65 \mathrm{in}(21.6 \times 15.2 \times 1.7 \mathrm{~cm})$ <br> Plate Dimensions $2 \mathrm{lb}(0.97 \mathrm{~kg})$ <br> Plate Weight $8.5 \times 7.5 \times 1 \mathrm{in}(21.6 \times 19 \times 2.5 \mathrm{~cm})$ <br> Adapter Dimensions $5 \mathrm{lb}(2.3 \mathrm{~kg})$ <br> Adapter Weight  |

GIBRALTAR PAN AND TILT ADAPTER SPECIFICATIONS

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| :--- | :---: |
| Product Number | $4-65740-9$ |
| Fits | Gibraltar $4-60450-0 \mathrm{~A}$ |
| Accepts | Any Quickset Pan and Tilt Unit |
| Flange Diameter | 8 in $(20.32 \mathrm{~cm})$ |
| Weight | $4.7 \mathrm{lb}(2.13 \mathrm{~kg})$ |

## GIBRALTAR CONVERSION ADAPTER SPECIFICATIONS

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| :---: | :---: | :---: | :---: |
| Product Number | 4-55860-7 | 4-69010-3 | 4-65850-6 |
| Fits | Gibraltar 4-60450-0A | Column I.D. 1.75 in ( 4.4 cm ) | Gibraltar 4-60450-0A |
| Accepts | Heads or Adapters with a Post OD of 1.25 in | Heads or Adapters with a Post OD of 1.25 in | Heads or Adapters with a Post OD of 1.75 in |
| Weight | $2.3 \mathrm{lb}(1.04 \mathrm{~kg})$ | 1302 (0.372 kg) | $13.5 \mathrm{lb}(6.1 \mathrm{~kg})$ with 2 Control Arms |
| Flange Diameter | $7 \mathrm{in}(17.8 \mathrm{~cm})$ | N/A | $7 \mathrm{in}(17.8 \mathrm{~cm})$ |

GIBRALTAR CONTROL ARM SPECIFICATIONS

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| :--- | :---: |
|  |  |
| Product Number | $4-65330-9$ |
| Compatible Heads | $4-62050-6,4-62051-4$ |
| Length | $16 \mathrm{in}(40.6 \mathrm{~cm})$ |
| Weight | $1 \mathrm{lb}(0.45 \mathrm{~kg})$ |

HERCULES CONTROL ARM SPECIFICATIONS

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| :--- | :---: |
|  |  |
| Product Number | $4-55040-6$ |
| Compatible Heads | $4-52304-9$ |
| Length | 14 to 19.5 in $(35.5$ to 49.5 cm$)$ |
| Weight | $1.2 \mathrm{lb}(0.54 \mathrm{~kg})$ |

HERCULES PAN \& TILT ADAPTER SPECIFICATIONS

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| :--- | :---: |
| Product Number | $4-55730-2$ |
| Fits | Hercules Column 1.25 in $(3.17 \mathrm{~cm})$ I.D. |
| Accepts | Pan/Tilt QPT50/90/130 |
| Flange Diameter | 6 in $(15.24 \mathrm{~cm})$ |
| Weight | $2 \mathrm{lb}(.90 \mathrm{~kg})$ |

HERCULES TRANSIT ADAPTER SPECIFICATIONS

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| :--- | :---: |
|  |  |
| Product Number | $4-55901-9 \mathrm{~A}$ |
| Fits | Hercules Column 1.25 in $(3.17 \mathrm{~cm})$ I.D. |
| Accepts | Female $3.5-8$ Thread |
| Weight | $1.4 \mathrm{lb}(0.63 \mathrm{~kg})$ |

HERCULES \& GIBRALTAR DOLLY AND PEDESTAL SPECIFICATIONS

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| :--- | :---: |
|  |  |
| Product Number | $4-56021$ |
| Description | Dolly |
| Load Capacity | $500 \mathrm{lb}(227 \mathrm{~kg})$ |
| Maximum Height | $\mathrm{N} / \mathrm{A}$ <br> Minimum Height <br> Dimensions <br> Transport Mode) |
| Maximum Spread | $517.5 \times 10.5 \mathrm{in}$ |
| Weight | $51 \mathrm{in}(129.5 \mathrm{~cm})(\mathrm{cm})$ |
| Column Travel | $19.3 \mathrm{lb}(8.75 \mathrm{~kg})$ |
| Column Outside $)$ |  |
| Mounting Base | $\mathrm{N} / \mathrm{A}$ |
| Wheel Diameter | $\mathrm{N} / \mathrm{A}$ |

HERCULES CONVERSION ADAPTER SPECIFICATIONS

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| :---: | :---: | :---: |
| Product Number | 4-69020-2 | 4-75760-5 |
| Fits | Hercules Column 1.25 in $(3.17 \mathrm{~cm})$ I.D. | Hercules Column 1.25 in $(3.17 \mathrm{~cm})$ I.D. |
| Accepts | Heads or Adapters with a Post OD of 1.75 in (Gibraltar Products) | Sleeve Couplings with an ID of 1.75 in (Samson Products) |
| Weight | $1 \mathrm{lb}(0.45 \mathrm{~kg})$ | $1 \mathrm{lb}(0.45 \mathrm{~kg})$ |

HERCULES THEODOLITE ADAPTER SPECIFICATIONS

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| :--- | :---: |
|  |  |
|  | $4-55142-0$ |
|  | Hercules Column 1.25 in $(3.17 \mathrm{~cm})$ I.D. |
| Accepts | $5 / 8-11$ Female Thread |
| Rotates | $360^{\circ}$ |
| Flange $\emptyset$ | $5.46 \mathrm{in}(13.9 \mathrm{~cm})$ |
| Weight | $2.36 \mathrm{lb}(1.07 \mathrm{~kg})$ |

## TRIPOD ACCESSORIES - SPECIFICATIONS

SAMSON PAN AND TILT ADAPTER SPECIFICATIONS

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| :--- | :--- |
| Product Number | $4-75915$ |
| Fits | Samson Column 1.75 in $(4.4 \mathrm{~cm})$ 0.D. |
| Accepts | QPT 20 Pan and Tilts |
| Weight | $120 z(0.340 \mathrm{~kg})$ |

SAMSON COLUMN ADAPTER SPECIFICATIONS

|  |  |
| :--- | :--- |
| Product Number | $4-75750-6$ |
| Fits | Samson Column 1.75 in $(4.4 \mathrm{~cm}) 0 . \mathrm{D}$. |
| Accepts | Heads or Adapters with a Post 0D of 1.25 in (Hercules Products) |
| Weight | $1 \mathrm{lb}(0.45 \mathrm{~kg})$ |



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