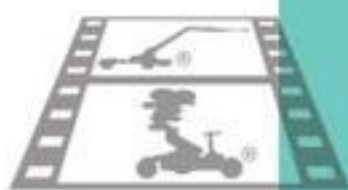


M MovieTech



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— STUDIO EQUIPMENT INC. —

SPECIAL GRIP HUNGARY



Rental Company

Cine
Italiana

UPER

NEWTO



PANTHER

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FREEFLY



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studio equipment.



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CAMERA SUPPORT TECHNOLOGY

SUPERTECHNOLOGY



FREEFLY

CONTENTS

1 - TELESCOPIC CRANES

2 - CAMERA CRANES

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Cinotech



1

TELESCOPIC CRANES

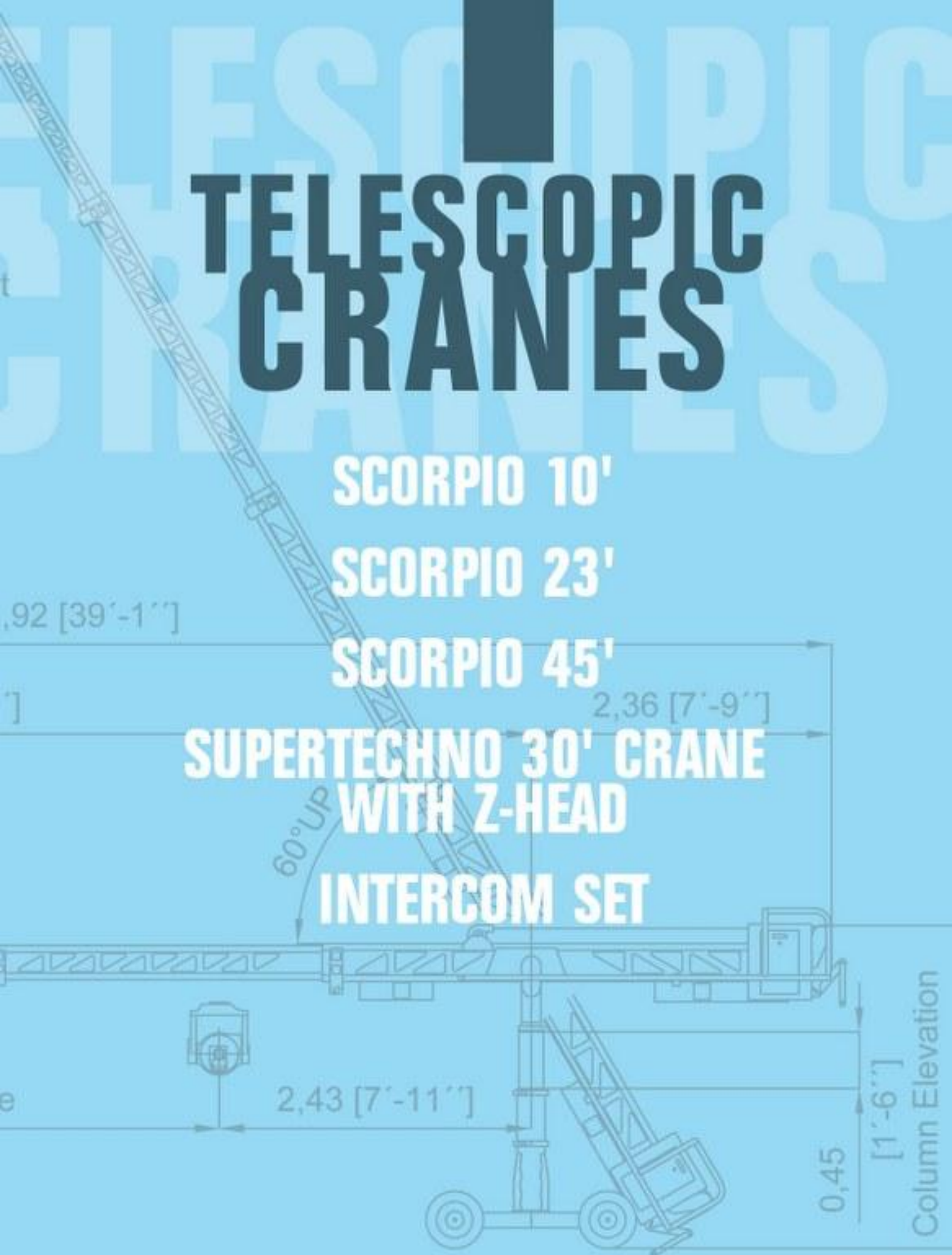
SCORPIO 10'

SCORPIO 23'

SCORPIO 45'

SUPERTECHNO 30' CRANE
WITH Z-HEAD

INTERCOM SET

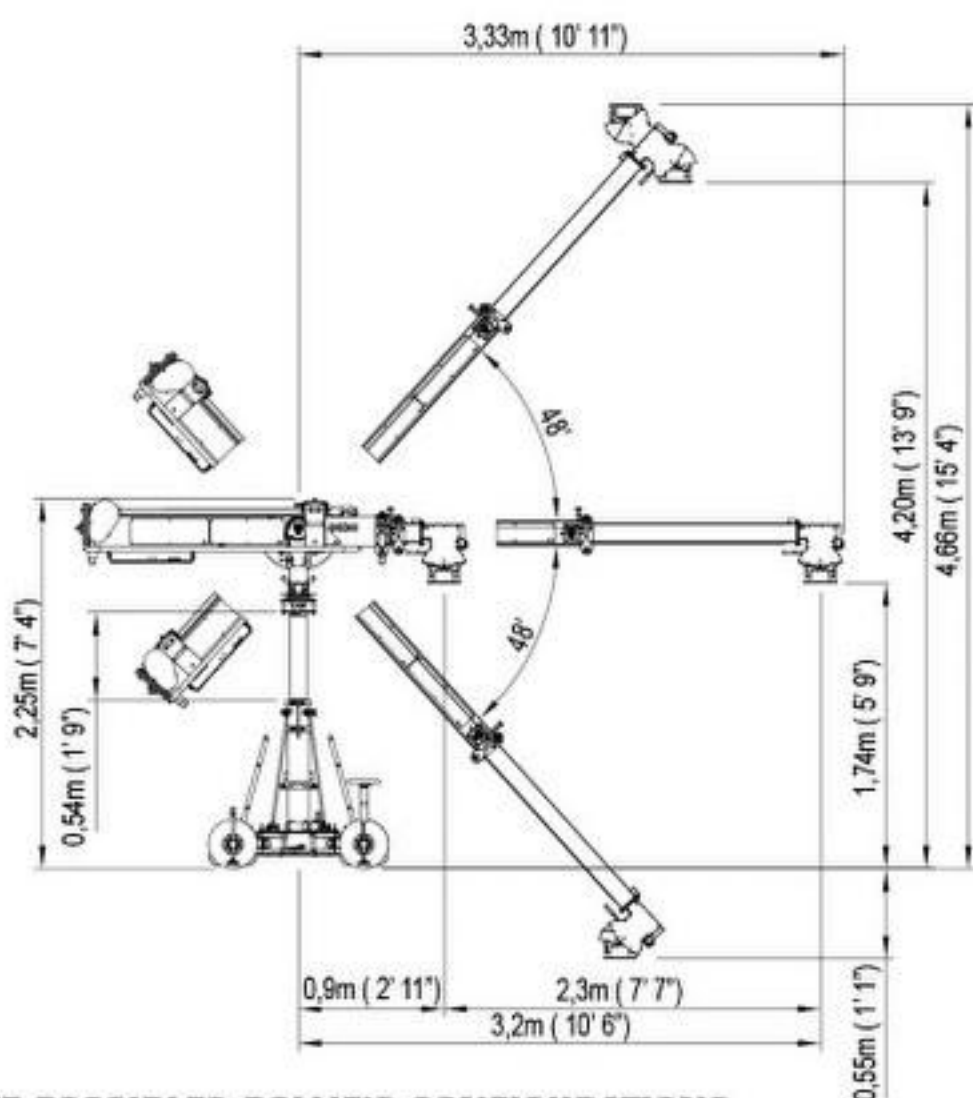




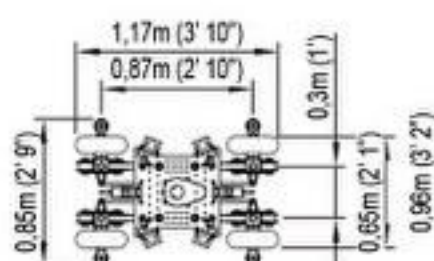
CATEGORY - TELESCOPIC CRANES

SCORPIO 10' telescopic crane

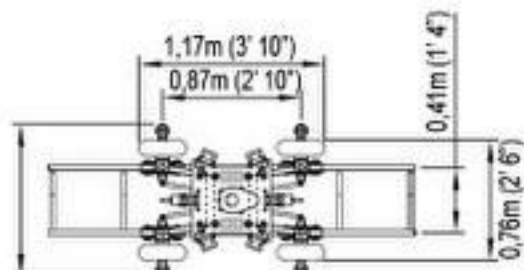
Scorpio 10'



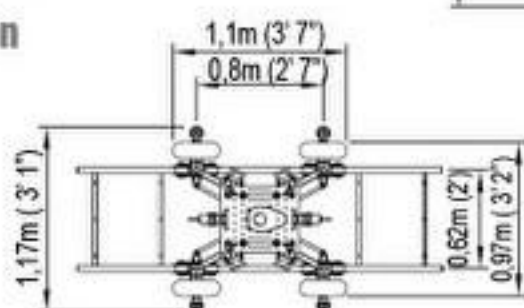
THREE POSSIBLE DOLLIE'S CONFIGURATIONS.



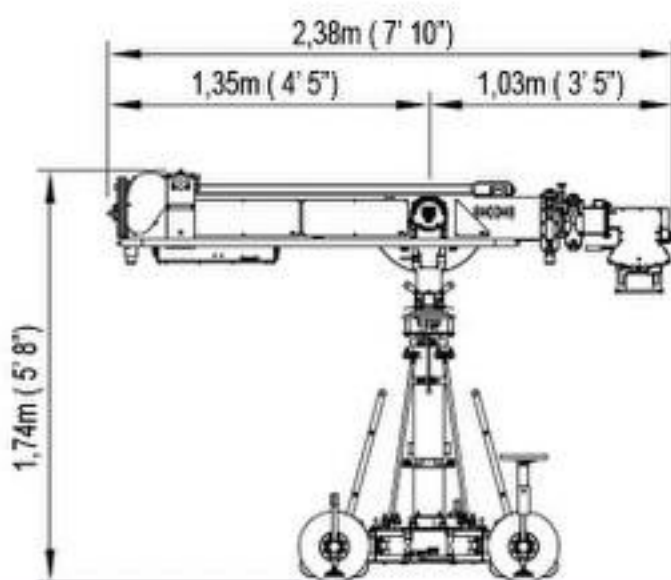
**Smallest configuration
(for transport only)**



0,41m (1'4") tracks



**0,62m
(2') tracks**



SCORPIO 10'

telescopic crane

Scorpio 10'

TECHNICAL SPECIFICATIONS

Maximum length:	3,2m (10' 6")
Minimum length:	0.9m (2'11")
Telescopic range:	2,30 m (7'7")
Back lenght of the arm	1,35m (4'5")
Payload in Underslung:	60 kg (132lbs)
Payload in Overslung:	45 kg. (99lbs)
Required power:	DC 30V/20A
Output power for monitor:	12V/3A

FEATURES

- Features with the standard Electronic Box (without screen).
- Automatic compensator of the arc generated by the movement of the arm in both horizontal and vertical.
- Programmable Electronic limits for the arm range.
- Adjustable arm speed and stop damping adjustable.
- Tilt, Pan and Arm encoder reading for motion capture jobs.
- The Electronic Box will have an optional removable display that will give access to some information and features additional to the standard Electronic Box, such:
 - Screen display of the arm range, vertical and horizontal angles, height to the optic axis in meters and feet, the speed and the damping.
- Movement Generator of the telescopic arm in relation to the horizontal or vertical movement.
- Capability of memorizing the telescopic movement of the arm.
- The Stop Sequence will program different range modes for the telescopic arm

NEW FEATURES

SYSTEM FOR TRACKING THE CAMERA POSITION IN 3D

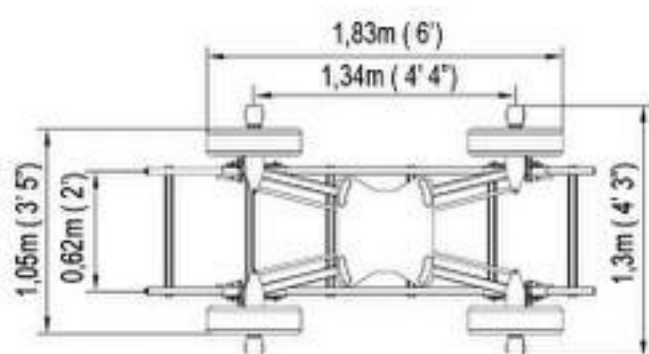
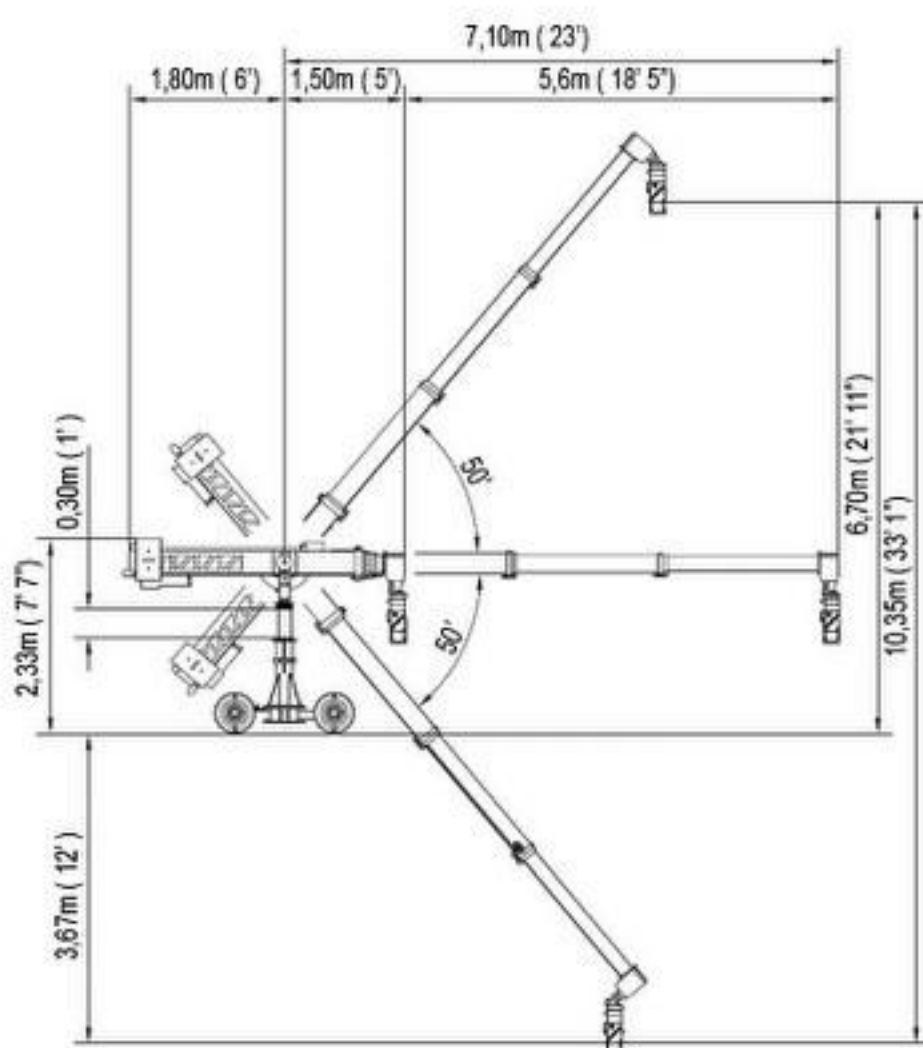
- It is a camera tracking system for virtual studio and augmented reality.
- Scorpio cranes, heads and travelling can perform camera tracking with STYPE integration system for real-time augmented reality and virtual studio broadcasting.



CATEGORY - TELESCOPIC CRANES

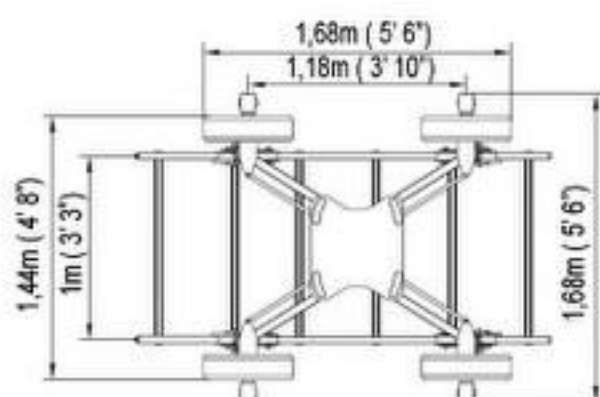
SCORPIO 23' telescopic crane

Scorpio 23'

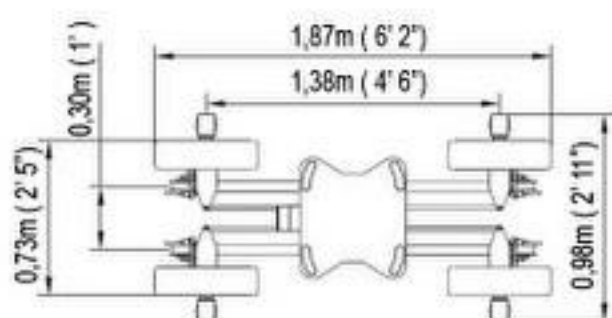


62cm/2ft track

**THREE POSSIBLE
DOLLIE'S
CONFIGURATIONS**



100cm/3,3ft track



SMALLER POSITION, ONLY FOR GO THROUGH A DOOR

SCORPIO 23'

telescopic crane

Scorpio 23'

TECHNICAL SPECIFICATIONS

Maximum length:	7,1m (23')
Minimum length:	1.5m (5')
Telescopic range:	5,60 m (18')
Max. optic axis height:	6,70m (21')
Telescopic column maximum extension:	0,30m (1')
Maximum weight:	600kg (1322,8lbs)
Payload in Underslung:	70 kg. (154lbs)
Payload in Overslung:	45 kg (99lbs)
Required power:	AC 220V/16A or AC110V/16A
Output power for remote head:	DC 30V/20A
Output power for monitor:	DC 12V/3A
Maximum speed:	1,8m/s



FEATURES

Automatic compensator of the arc generated by the movement of the arm in both Pan and Tilt.

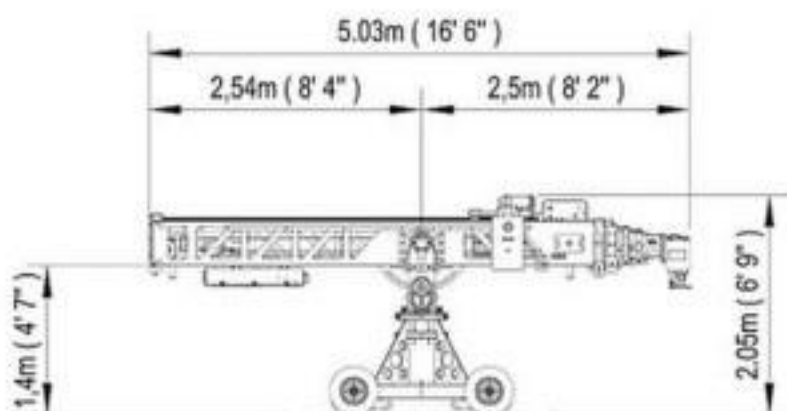
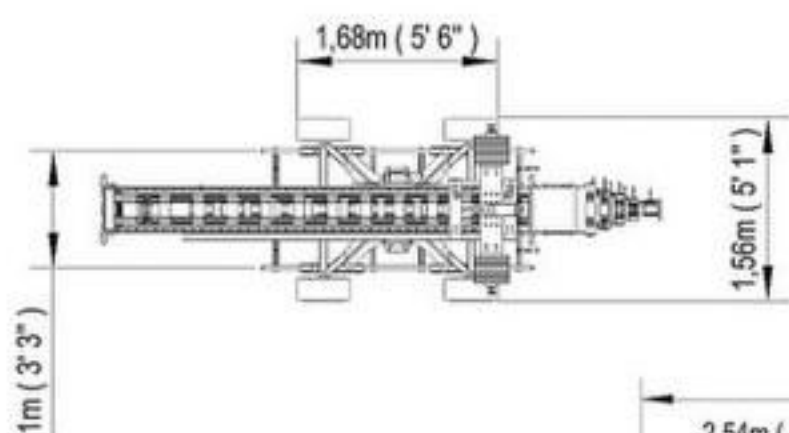
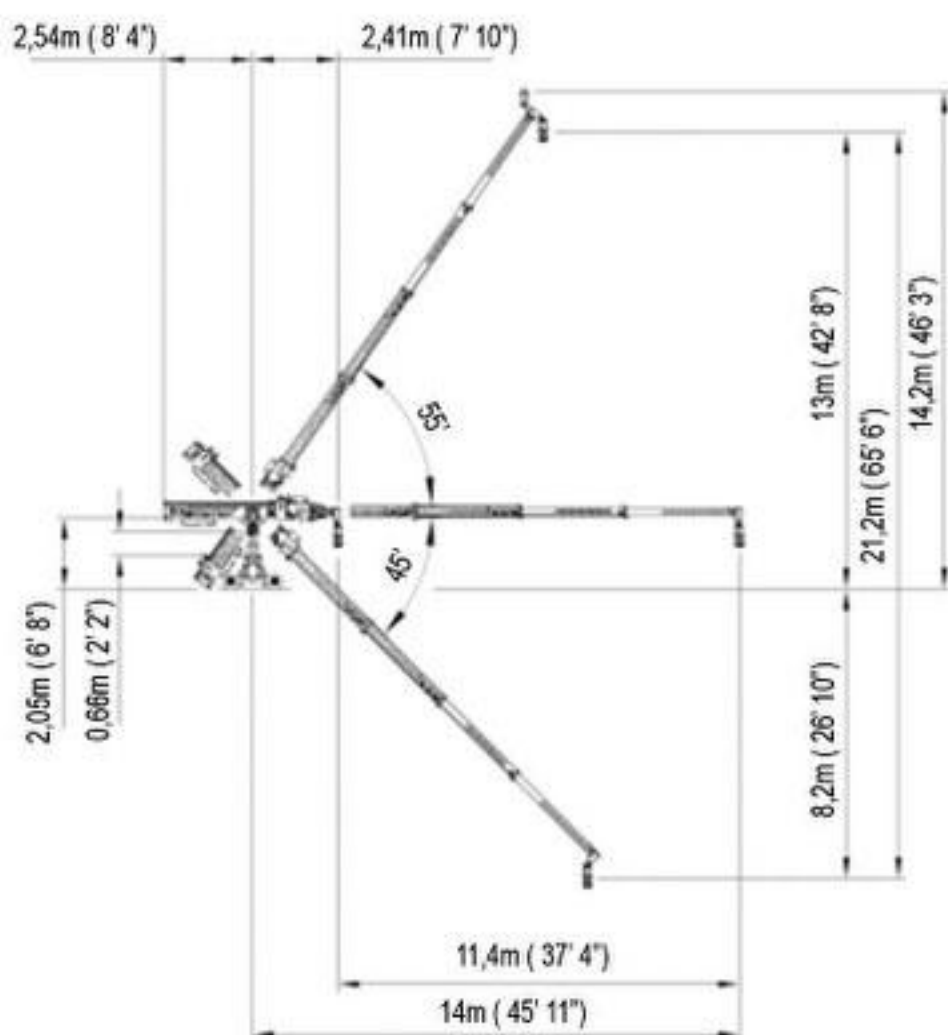
- The arm-fulcrum, as the column or the dolly are totally independents from each other. It's possible to assembly the arm (fulcrum included) in other column or dolly for special needs.
- Programmable limits of the telescopic arm respect to Pan or Tilt.
- Screen display of the arm range, vertical and horizontal angles, height to the optic axis in meters and feet.
- Arm speed and stop damping adjustable and displayed on the screen.
- Programmable Stop Sequence.
- Pan, Tilt and Arm encoder reading for the Motion Capture jobs.
- Smooth movement in both high and slow speed.
- Noise reduction system of the telescopic arm movements.
- Underslung or Overslung capability.
- Mechanical lift for the telescopic column.
- Adjustable width with articulated arms with lockable positions.
- Dynamic counterweight System: Electronic adjust for the counterweight support activated automatic or by the hand command.
- Travelling wheels: adjustable to all track gauges: 0,62m (2') and 1m (3'3").
- Pneumatic wheels: adjustable width from 0,735 (2'5") and 1,44 (4'8").

CATEGORY - TELESCOPIC
CRANES

SCORPIO 45'

telescopic crane

Scorpio 45'



SCORPIO 45'

telescopic crane

Scorpio 45'

TECHNICAL SPECIFICATIONS

Maximum length:	14 m (45' 11")
Minimum length:	2.41m (7' 10")
Telescopic range:	11,4 m (37' 4")
Max. optic axis height:	14,1 m (46' 3")
Telescopic column maximum extension:	0,65 m (2' 2")
Maximum weight:	2200kg (4850lbs)
Payload in Underslung:	70 kg. (154lbs)
Payload in Overslung:	45 kg. (99lbs)
Required power:	AC 220V/30A or AC110V/30A
Output power for remote head:	DC 30V/20A
Output power for monitor:	DC 12V/3A
Maximum arm speed:	2,6m/s

FEATURES Digital electronic control box with:

- Automatic compensator of the arc generated by the movement of the arm in both Pan and Tilt.
- Programmable limits of the telescopic movement of the arm.
- Programmable movements of the telescopic arm
- Motion Generator of the telescopic arm respect to Pan or Tilt.
- Data displayed on screen: arm range, height of the optic axis and Pan and Tilt angles.
- Arm speed and Damping adjustable and displayed on the screen.
- Programmable Stop Sequence.
- Pan, Tilt and Arm encoder output for Motion Capture jobs.

ARM

- 4 telescopic sections plus Central Arm.
- Smooth movement in high and slow speed.
- Noise reduction system of the telescopic arm movement.
- The head can be mounted Underslung or Overslung.
- Dynamic counterweight system to compensate the balance weight during motion.
- Adjustable fluid in Pan and Tilt.
- 55° inclination on the Tilt arm.
- Arm handle bars to an easy control for operator in all positions.

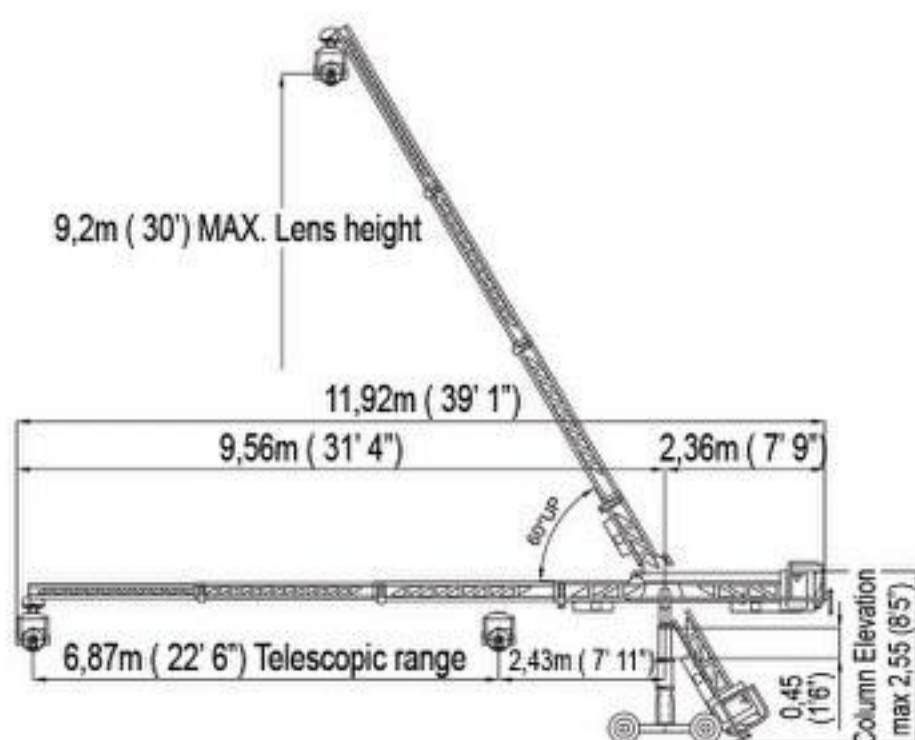
DOLLY

- 2 telescopic section motorized in the column to rise the position of the arm.
- Travelling wheels for 1 m track
- The wheels pivot over the centre of the tires
- Rod supports for gripping bars
- Removable levelling jack

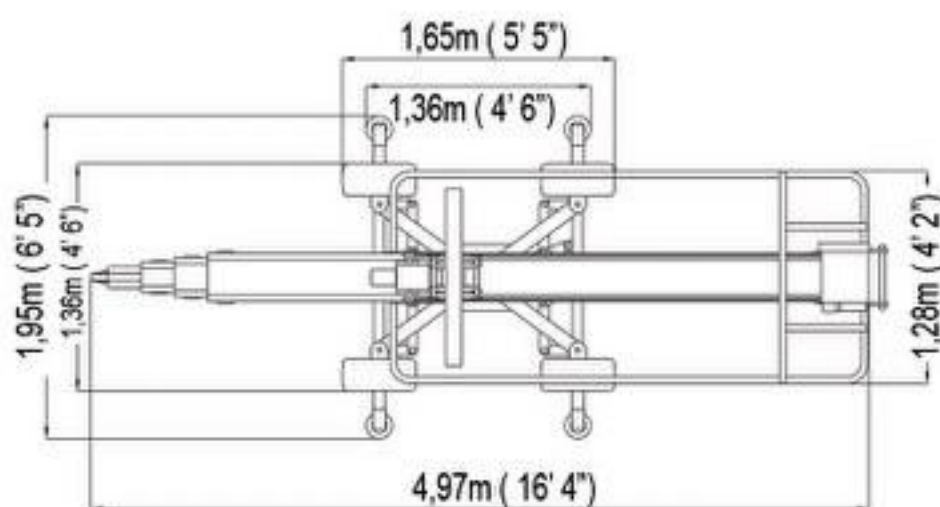
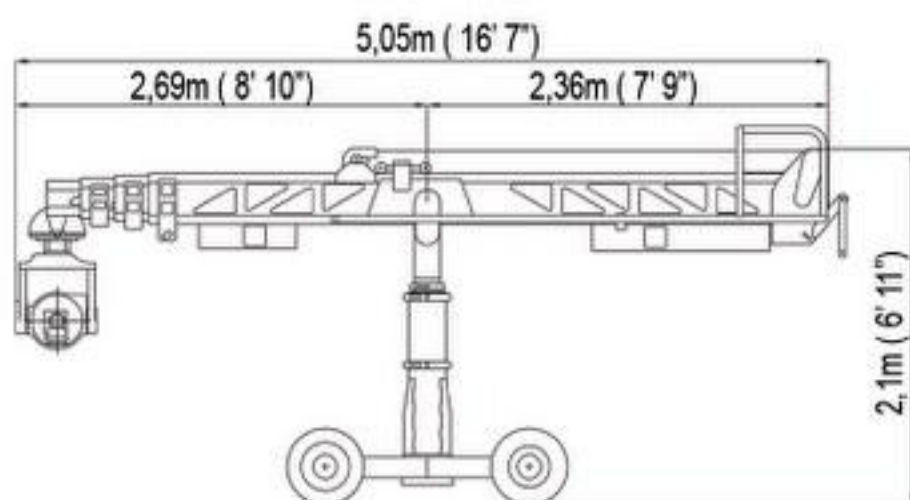
CATEGORY - TELESCOPIC CRANES

SUPERTECHNO 30 with Z-head

SUPERTECHNO



Max. lens height:	9,2 m / 30 ft.
Max. telescopic extent:	6,87 m / 22 ft.
Max. camera weight:	35 kg / 80 lb
Total weight:	1350 kg / 2640 lb
Max. speed	2,8 m/s



CATEGORY - TELESCOPIC
CRANES

SUPERTECHNO 30

with Z-head

SUPERTECHNO



WEIGHT LIST

	<u>KG</u>	<u>LBS</u>
BASE	130	286
LEVELING JACKS (4 X 16 KG)	64	141
COLUMN WITH FORK	80	176
BEAMUNIT	320	706
COUNTERWEIGHTS (45 X 13,5 KG)	607,5	1340
4 X DONUTS (4 X 7 KG)	28	62
2 X SLIDING WEIGHTS (2 X 4,5 KG)	9	20
ELECTRONIC UNIT	68	150
Z-HEAD	24	53
SUPERTECHNO 30 (INCL. 20 KG CAMERA)	1350	2980
ONE TRACK (3 M/10 FT.)	48	106



INTERCOM SET



SYSTEM SPECIFICATIONS

Frequency Range: 2400-2483.5 MHz
Frequency Response: 200 Hz to 3.5 kHz
Security: 64-Bit Encryption
Temperature Range: (Typical) -20 to 55°C (-4 to 131°F)

SYSTEM TRANSMIT

Type: frequency Hopping Spread Spectrum (FHSS)
Transmit Power: 100mW Burst
Transmission Modes: Continuous (Latched) or Push-to-Talk (PTT)
Modulation Type: Guassian Filtered FSK, TDMA

SYSTEM RECEIVE

Type: Frequency Hopping Spread Spectrum (FHSS)
Sensitivity: <-90dBm with 10-3 BER
Dynamic Range: -90dBm to -20dBm
Distortion: <2%

BASE STATION SPECIFICATIONS

- Antenna Type: External, Dual Diversity, ½-Wave Dipole (Supplied)
- Power Requirements: Six 1.5V AA Batteries or Rechargeable BAT850 Battery; 12VDC Automotive Adapter or 100/240VAC Power Supply
- Size: 10.2" x 6.45" x 3.33" (25.91cm x 16.38cm x 8.46cm)
- Weight: 2.35 lb (1.07 kg) with Alkaline Batteries
- Front Panel Controls: Power Switch, Register Beltpac, Beltpac Unlatch, Clear Registration, Reset Button
- Front Panel Indicators: Beltpac Registration Status Display, Power/Low BAT Indicator, Beltpac Receive

BELTPAC SPECIFICATIONS

- Battery Requirements: One Lithium-Ion Rechargeable
- Battery Life: Latched (Hands-Free): Up to 14 Hours
PTT: Up to 20 Hours
- Size: 3.4" x 2.6" x 1.5" (8.64cm x 6.60cm x 3.81cm)
- Weight: 7.4 oz (0.21 kg) with Battery & Pouch
- Headset Connector: Mini-DIN
- Mic Input: Electret
- Headset Output: n160 mW @ into 32Ω, Capable of Driving 16-32Ω
- Controls: Volume On/Off, Volume Up/Down, Talk Intercom Talk ISO
- Indicators: Power/Transmit/Low Battery LED & Voice Prompts
- Carrying Pouch: Santoprene Rubber

2

CAMERA CRANES

GEM GF-6 CRANE

GIRAFFE CLASSIC

PANTHER GALAXY

MOVIETECH MT400

max. Höhe/ height: 10,5m/34 ft. min. Höhe/ height: -6,5m/-21.5 ft.

80 kg / 176 lbs

5

max. Höhe/ height: 12m/39 ft.

80 kg / 176 lbs

6

max. Höhe/ height: 13,5m/44 ft.

160 kg / 352 lbs

7

Base Dolly: Mammoth Base

3.1m / 10.2ft

2.5m / 8.2ft

1.2m / 3.9ft

3.2m / 10.5ft

Base Dolly: Mammoth Base

3.1m / 10.2ft

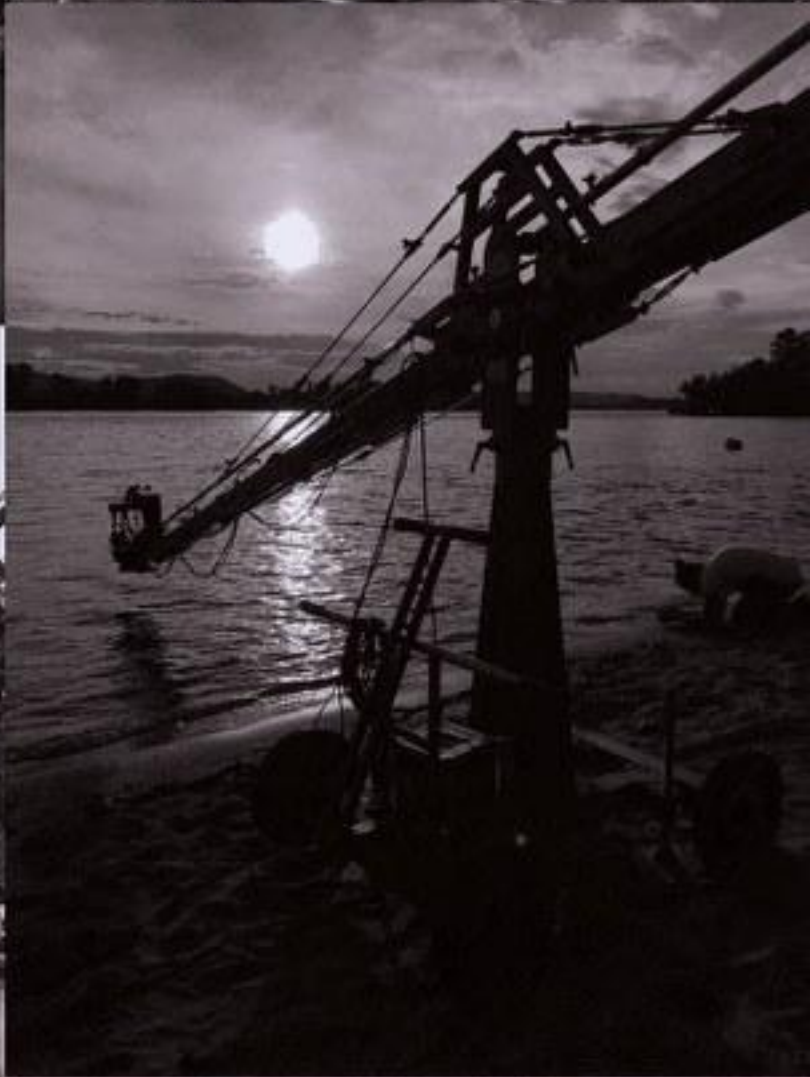
Base Dolly: Mammoth Base

3.9m / 12.8ft

2.5m / 8.2ft

1.2m / 3.9ft

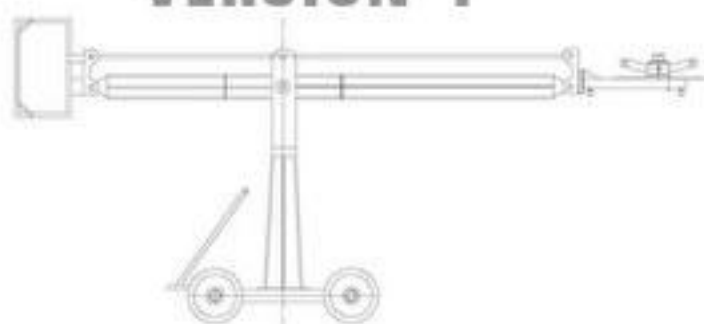
15,3m / 50.5ft.



GF-6 CRANE

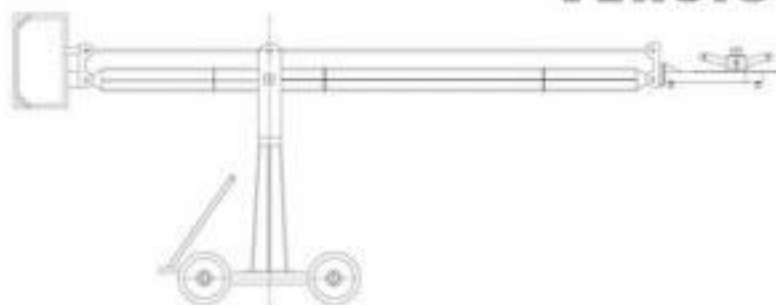
Option Remote Head Max 7m or
Platform Max 4,5m

VERSION 1



Front extension arms required	1 x 150cm / 5'
Rear extension arm required	1 x 75cm / 2' 6"
Maximum Euro-adapter height	320cm / 10' 8"
Max. lift capacity = max 2 pers. + accessories	250kg / 550 lbs
Counterweight required	27pcs = 432kg / 950lbs
Lift range	332cm / 11'
Crane weight (excluding dolly and weights)	139kg / 305lbs
Arm reach (pivot to camera head mount)	256 cm / 8' 6"
Length of rear end (pivot to outside of weight bucket)	172cm / 5' 9"
Dolly weight	59kg / 129lbs

VERSION 2



Front extension arms required	1 x 150cm / 5'
Rear extension arm required	1 x 75cm / 2' 6"
Maximum Euro-adapter height	390cm / 13'
Max. lift capacity = max. 1 pers. + accessories	140kg / 308lbs
Counterweight required	23pcs = 368kg / 811lbs
Lift range	472cm / 15' 8"
Crane weight (excluding dolly and weights)	149kg / 327lbs
Arm reach (pivot to camera head mount)	331cm / 11'
Length of rear end (pivot to outside of weight bucket)	172cm / 5' 9"
Dolly weight	59kg / 129lbs



GF-6 CRANE

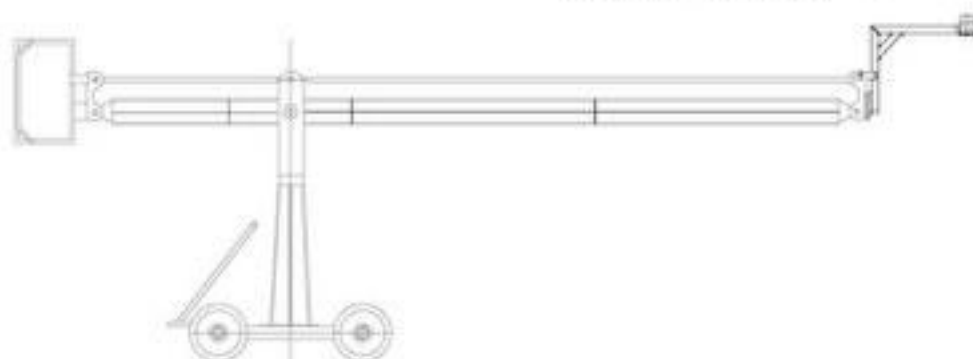
Option Remote Head Max 7m or
Platform Max 4,5m

VERSION 3



Front extension arms required	2 x 150cm / 5'
Rear extension arm required	1 x 90cm / 3'
Maximum Euro-adapter height	445cm / 14' 8"
Max. lift capacity = max. 1 pers. + accessories	140kg / 308lbs
Counterweight required	27pcs = 432kg / 950lbs
Lift range	582cm / 19'5"
Crane weight (excluding dolly and weights)	176kg / 387lbs
Arm reach (pivot to camera head mount)	406cm / 13' 6"
Length of rear end (pivot to outside of weight bucket)	187cm / 6' 3"
Dolly weight	59kg / 129lbs

VERSION 4



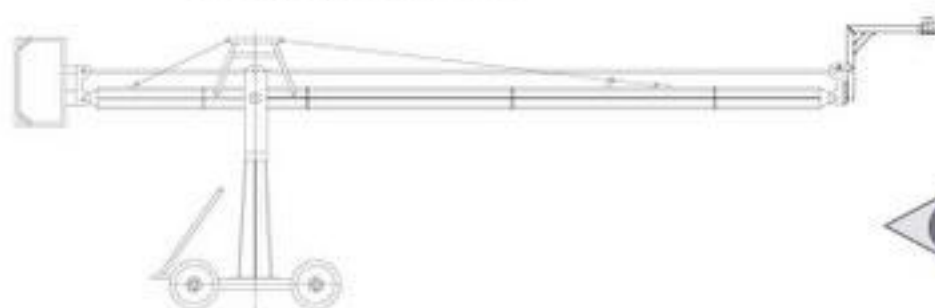
Front extension arms required	2 x 150cm / 5'
Rear extension arm required	1 x 75cm / 2' 6"
Maximum Euro-adapter height	475cm / 15' 10"
Maximum lift capacity	85kg / 187lbs
Counterweight required	20pcs = 320kg / 704lbs
Lift range	642cm / 21'3"
Crane weight (excluding dolly and weights)	140kg / 308lbs
Arm reach (pivot to camera head mount)	418cm / 13' 10"
Length of rear end (pivot to outside of weight bucket)	172cm / 5' 9"
Dolly weight	59kg / 129lbs



GF-6 CRANE

Option Remote Head Max 7m or
Platform Max 4,5m

VERSION 5



Front extension arms required	2 x 150cm / 5' + 1 x 75cm / 2' 6"
Rear extension arm required	1 x 75cm / 2' 6"
Maximum Euro-adapter height	540cm / 18'
Maximum lift capacity	85kg / 187 lbs
Counterweight required	23pcs = 368kg / 809lbs
Lift range	772cm / 25' 8"
Crane weight (excluding dolly and weights)	165kg / 363lbs
Arm reach (pivot to camera head mount)	493 cm / 16' 5"
Length of rear end (pivot to outside of weight bucket)	172cm / 5' 9"
Dolly weight	59kg / 129lbs

VERSION 6



Front extension arms required	3 x 150cm / 5'
Rear extension arm required	1 x 75cm / 2' 6"
Maximum Euro-adapter height	590cm / 19' 8"
Maximum lift capacity	60 kg / 132lbs
Counterweight required	23pcs = 368kg / 809lbs
Lift range	872cm / 29'
Crane weight (excluding dolly and weights)	173kg / 380lbs
Arm reach (pivot to camera head mount)	568cm / 18'10"
Length of rear end (pivot to outside of weight bucket)	172cm / 5' 9"
Dolly weight	59kg / 129lbs



GF-6 CRANE

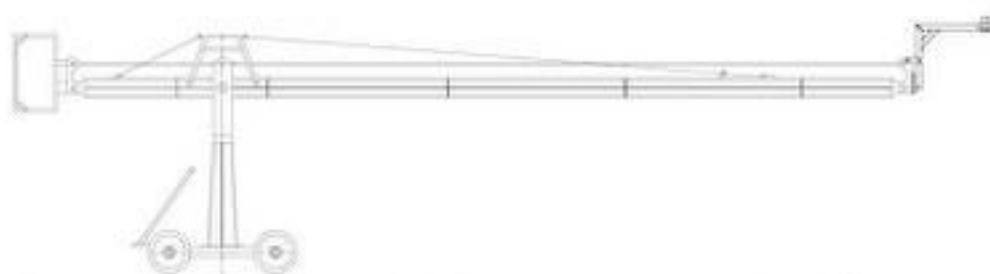
Option Remote Head Max 7m or
Platform Max 4,5m

VERSION 6a



Front extension arms required	3 x 150cm / 5'
Rear extension arm required	1 x 90cm / 3'
Maximum Euro-adapter height	590cm / 19' 8"
Maximum lift capacity	85kg / 187lbs
Counterweight required	27pcs = 432kg / 950lbs
Lift range	872cm / 29'
Crane weight (excluding dolly and weights)	175kg / 385lbs
Arm reach (pivot to camera head mount)	568cm / 18' 10"
Length of rear end (pivot to outside of weight bucket)	187cm / 6' 3"
Dolly weight	59kg / 129lbs

VERSION 7



Front extension arms required	3 x 150cm / 5' + 1 x 75cm / 2' 6"
Rear extension arm required	1 x 75cm / 2' 6"
Maximum Euro-adapter height	650cm / 21' 8"
Maximum lift capacity	40kg / 88lbs
Counterweight required	23pcs = 368kg / 809lbs
Lift range	992cm / 33'
Crane weight (excluding dolly and weights)	185kg / 407lbs
Arm reach (pivot to camera head mount)	643cm / 21' 5"
Length of rear end (pivot to outside of weight bucket)	172cm / 5' 9"
Dolly weight	59kg / 129lbs

GF-6 CRANE

Option Remote Head Max 7m or
Platform Max 4,5m

VERSION 7a



Front extension arms required	3 x 150cm / 5' + 1 x 75cm / 2' 6"
Rear extension arm required	1 x 90cm / 3'
Maximum Euro-adapter height	650cm / 21' 8"
Maximum lift capacity	60kg / 132lbs
Counterweight required	26pcs = 416kg / 915lbs
Lift range	992cm / 33'
Crane weight (excluding dolly and weights)	187kg / 411lbs
Arm reach (pivot to camera head mount)	643cm / 21' 5"
Length of rear end (pivot to outside of weight bucket)	187cm / 6' 3"
Dolly weight	59kg / 129lbs

VERSION 8



Front extension arms required	3 x 150cm / 5' + 2 x 75cm / 2' 6"
Rear extension arm required	1 x 90cm / 3'
Maximum Euro-adapter height	720cm / 24'
Maximum lift capacity	40kg / 88lbs
Counterweight required	26pcs = 416kg / 915lbs
Lift range	1132cm / 37' 8"
Crane weight (excluding dolly and weights)	197kg / 433lbs
Arm reach (pivot to camera head mount)	718cm / 23' 11"
Length of rear end (pivot to outside of weight bucket)	187cm / 6' 3"
Dolly weight	59kg / 129lbs

GF-6 CRANE

Option Remote Head Max 7m or
Platform Max 4,5m

THE GF-6 BASE DOLLY

The crane platform may be mounted on the base dolly to provide a track or western dolly style function.



Insert the 3 bolts into the underside of the base, through the platform and into the turnstile mount. Lock the 3 bolts tightly.

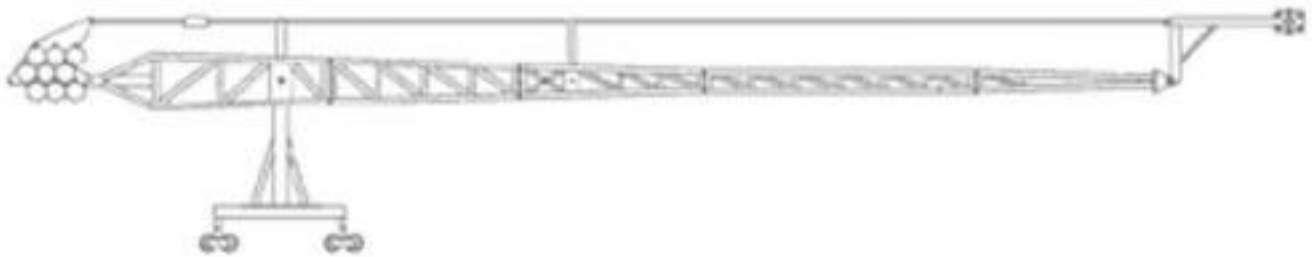
ACCESSORIES FOR GF-6 CRANE PLATFORM WEIGHT LIST

Description		Weight kg	Weight lbs
Seat arm combined 10cm / 4"	AL-2210	0,75 kg	1,65 lbs
Seat arm combined 20cm / 8"	AL-2220	1,15 kg	2,53 lbs
Seat arm combined 30cm / 12"	AL-2230	1,60 kg	3,52 lbs
Seat arm vertical 10cm / 4"	AL-2211	1,25 kg	2,75 lbs
Seat arm vertical 20cm / 8"	AL-2212	1,75 kg	3,85 lbs
Seat arm vertical 30cm / 12"	AL-2213	2,20 kg	4,84 lbs
Crane seat with seat belt	AL-1030	7,20 kg	15,84 lbs
Riser 10 cm / 4"	AL-2310	2,80 kg	6,16 lbs
Riser 20cm / 8"	AL-2320	2,95 kg	6,49 lbs
Riser 30cm / 12"	AL-2330	3,40 kg	7,48 lbs
Riser 40cm / 16"	AL-2340	3,80 kg	8,36 lbs
Riser 50cm / 20"	AL-2350	4,25 kg	9,35 lbs
Connection pin	AL-2240	0,40 kg	0,88 lbs
Ball Adapter	AL-2150	2,17 kg	4,77 lbs

GIRAFFE classic

Giraffe CLASSIC

Option Remote Head Max 10m or
Platform max 7m



Tapered sections nest inside each other, making it easily transportable, in light vans, small airplanes, helicopters and boats. Can be hand-carried up mountains, and hard-to-reach locations. This modular flexibility is also easy on the budget. All options listed in these specifications are included in the full 7-in-1 crane system at a surprisingly affordable cost. Fast and versatile, the Giraffe Classic crane is the backbone of our fleet.



Maximum Lens Height	31'	945cm
Drop Down	17'6"	533cm
Maximum Reach	32'6"	944cm
Maximum Length	38'6"	1173cm
Minimum Width on Track Mode 1	2'4"	73cm
Minimum Width on Track Mode 2-5	3'9"	114cm
Minimum Width on Wheels	4'8"	142cm
Maximum Doorway Height	7'6"	228cm
Travelling Weight (w/o Ballast Weight)	648lbs	294kg

GIRAFFE classic

Giraffe CLASSIC

TECHNICAL SPECIFICATION												
	Max. Lens Height	Draw Back	Min. Lens Height Underslung	Max. Camera Rise	Max. Load 2 Crew	Max. Load 1 Crew	Max. Load Remote	Reach Fulcrum To Lens	Min. Width On Track	Min. Width On Wheels	Track Width	Weight Assembled Crane
Dolly	1.7m	-	1.0m	-	250 kg	-	-	-	.75/1.17m	1.45m	.62/1m	60 kg
	5'6"	-	3'3"	-	550 lbs.	-	-	-	2'4"/3'9"	4'8"	2'3'3"	135 lbs.
Mode 1	3.6m	-	-.025m	2.1m	250 kg	-	150 kg	2.4mm	.75/1.17	1.45m	.62/1m	170 kg
	11'8"	-	-9"	6'10"	550 lbs.	-	330 lbs.	7'10"	2'4"/3'9"	4'8"	2'3'3"	366 lbs.
Mode 1+	4.9m	-	1.5m	4.7m	-	160 kg	150 kg	4.25m	.75/1.17m	1.45m	.62/1m	185 kg
	16'0"	-	-4'9"	15'4"	-	350 lbs.	330 lbs.	13'10"	2'4"/3'9"	4'8"	2'3'3"	400 lbs.
Mode 2	4.9m	-	0.5m	3.7m	250 kg	-	150 kg	3.4m	1.17m	1.45m	1m	225 kg
	16'	8'3"	-1'7"	12'0"	550 lbs.	-	330 lbs	11'0"	3'9"	4'8"	3'3"	495 lbs.
Mode 3	6.15m	-	-1.9m	6.4m	225 kg	-	150 kg	5.1m	1.17m	4.15m	1m	250 kg
	20'2"	11'0"	-6'2"	21'0"	500 lbs.	-	330 lbs.	16'6"	3'9"	4'8"	3'3"	550 lbs.
Mode 4*	7.5m	-	-3.2m	9.0m	-	160 kg	150 kg	6.7m	1.17m	1.45m	1m	270 kg
	24'6"	15'0"	-10'5"	29'3"	-	350 lbs.	330 lbs.	21'10"	3'9"	4'8"	3'3"	592 lbs.
Mode 5*	9.5m	-	-5.4m	13.0m	-	-	100 kg	9.5m	1.17m	1.45m	1m	293 kg
	31'2"	20'	-17'6"	42'3"	-	-	220 lbs.	31'6"	3'9"	4'8"	3'3"	648 lbs.
												1145 kg
												2515 lbs.
												15

Boom 1 Length: 7'5" - 2.26m

Boom 2,3,4 Legth: 5'9" - 1.75m

Boom Extension: 8'2" - 2.5m

- 7 - in - 1 Crane

- Pan & Tilt Friction Brakes

- Four wheel steering

- Quick to assemble in less then 30 minutes

- Lightweight aerospace alloys

Fulcrum to end of weight bucket: 8'2-1/2" - 2.52m

Boom arm clearance parallel to ground: 4'7" - 1.4m

- Sealed self- lubricating bearings are meintance free

- Lighter than other cranes of similar reach by hundreds of pounds

- Maximum payload at full extension = 220lbs - 100kg

- Fully weighted crane with payload = 2515lbs - 1140kg

Remote = 2695lbs - 1222kg

- Overall Length 39' - 11.9m

2 CATEGORY - CAMERA CRANES

PANTHER galaxy



FAST

Various lengths can be built up quickly and easily with the end section.



EASY

You can choose between the Compact base or the Mammoth base with its impressive dimensions of 1,8m x 1,8m (6ft. x 6ft.).

All outriggers are of the same length (2m/6.5ft.). This modular principle covers outriggers, bracing kit and balance rods, turning the build up into an easy exercise. All outriggers and rods connect quickly without any tools, held safely into place by a locking pin. The new Multi-Link connector facilitates build-up and take-down, as it avoids jamming.



PUSHBAR

The push rod can also be used as cable holder.

The only tools you need are your hands.

WEIGHT

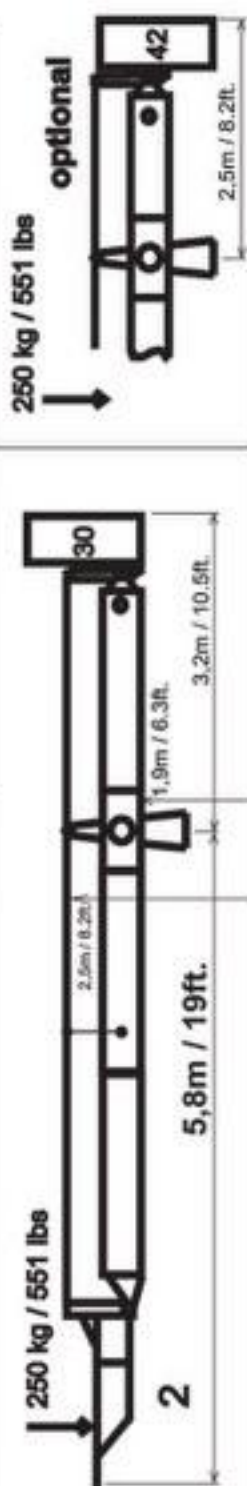
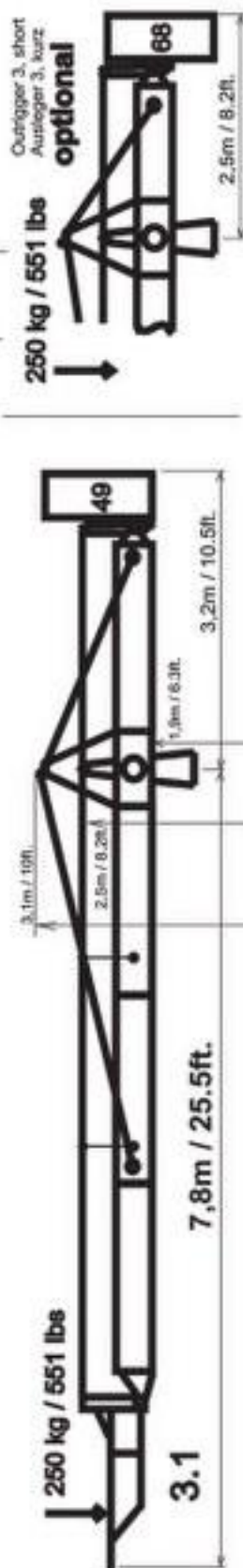
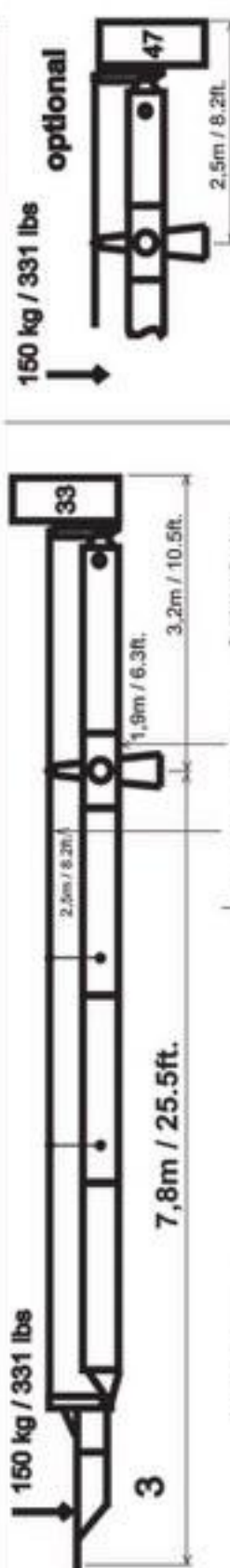
The weight basket offers 2 connector plates and can be attached either at the top or at the bottom, according to the individual requirements.

The Galaxy outriggers can also be "made to measure", in different lengths according to customer specifications.



PANTHER
galaxy

PLATFORM VERSIONS 2/1

Platform Versions:**max. Höhe/height: 4,5m/14 ft.****min. Höhe/height: 0m/0 ft.****Base Dolly: Compact Base
Mammoth Base****max. Höhe/height: 6m/19 ft.****min. Höhe/height: -2m/-6.5 ft.****Base Dolly: Compact Base
Mammoth Base****max. Höhe/height: 7,5m/24 ft.****min. Höhe/height: -3,5m/-11.5 ft.****Base Dolly: Compact Base
Mammoth Base**

CATEGORY

CAMERA
CRANES

PANTHER
galaxy



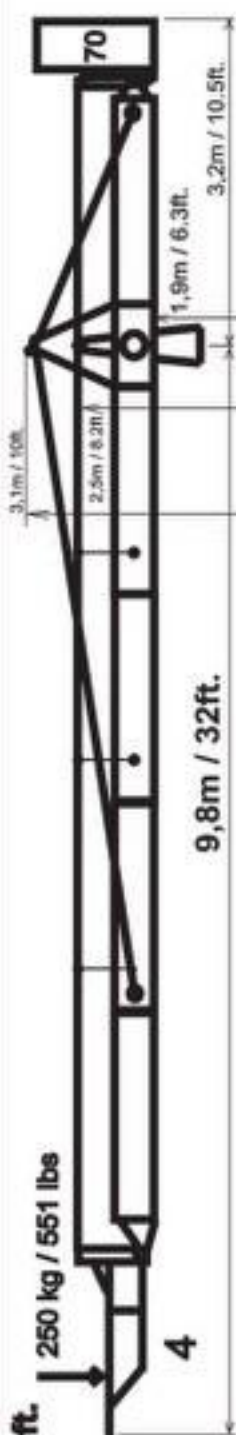
PLATFORM VERSIONS 2/2

max. Höhe/height: 9m/29 ft.

min. Höhe/height:

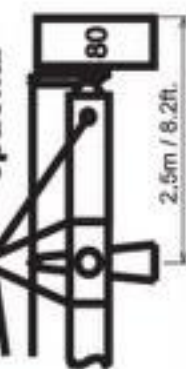
-5m/-16.5 ft.

Base Dolly: Mammoth Base



180 kg / 400 lbs

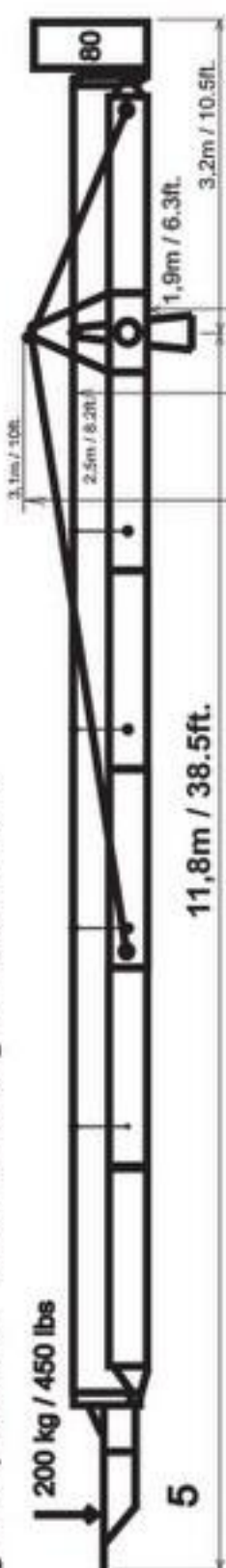
optional



max. Höhe/height: 10,5m/34 ft. min. Höhe/height: -6,5m/-21.5 ft.

Base Dolly:

Mammoth Base



105 kg / 235 lbs

optional

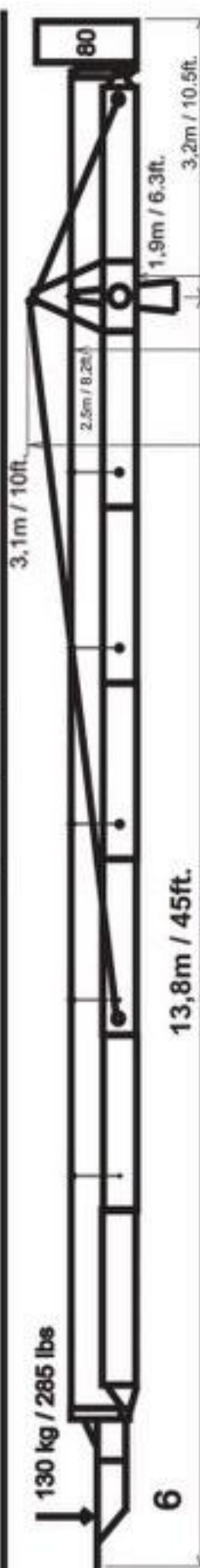


max. Höhe/height: 12m/39 ft.

min. Höhe/height: -8m/-26.5 ft.

Base Dolly:

Mammoth Base



130 kg / 285 lbs

6

CATEGORY

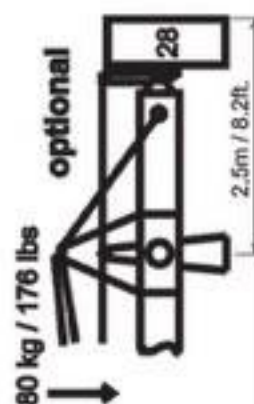
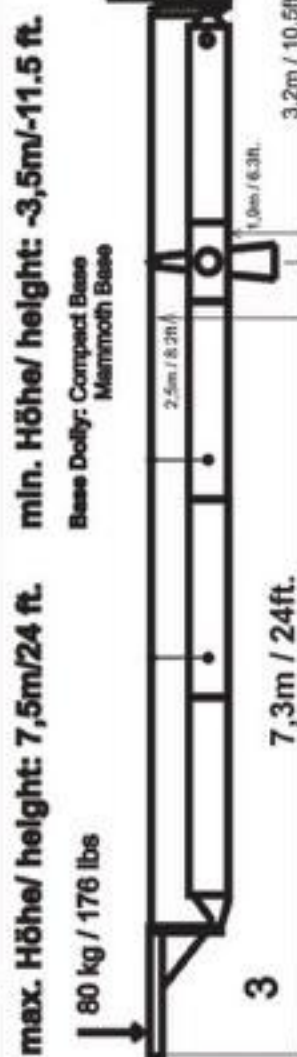
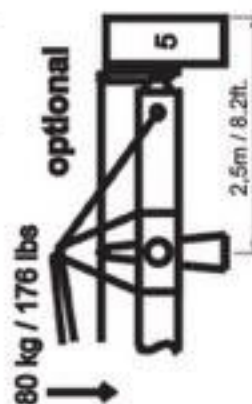
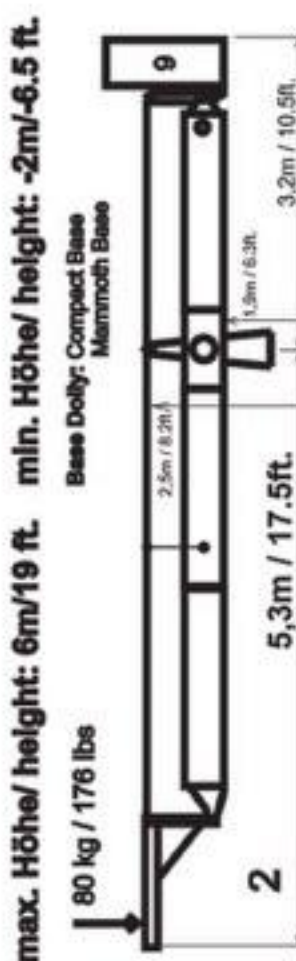
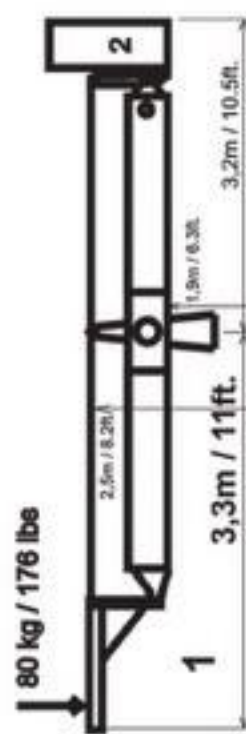
CAMERA
CRANES

PANTHER
galaxy

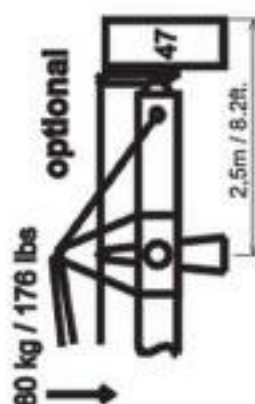
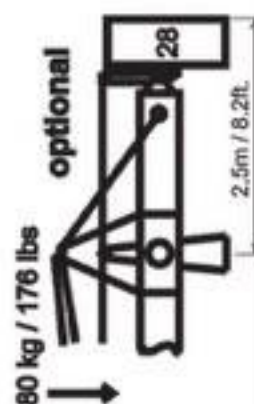
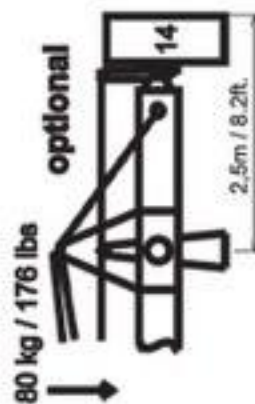
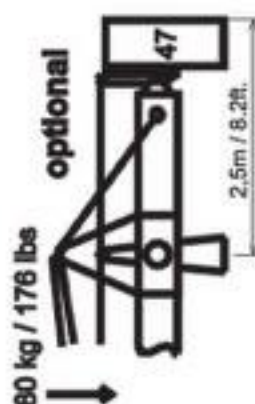
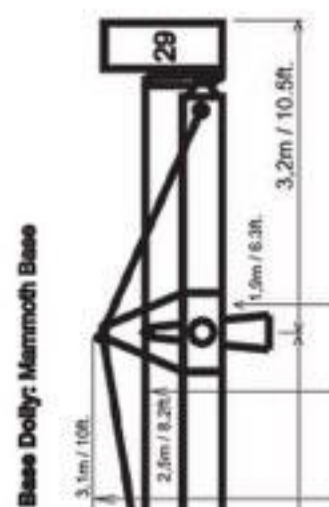
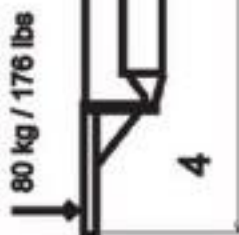


REMOTE VERSIONS 3/1

Remote Versions:



max. Höhe/ height: 9m/29 ft. min. Höhe/ height: 5m/16.5 ft.



CATEGORY

CAMERA
CRANES

PANTHER
galaxy

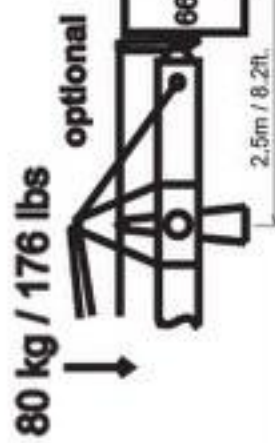
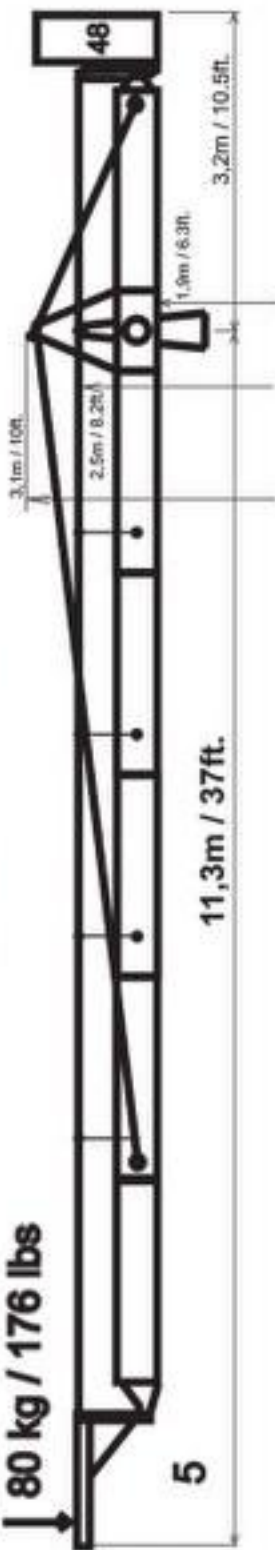


PLATFORM VERSIONS 3/2

max. Höhe/ height: 10,5m/34 ft. min. Höhe/ height: -6,5m/-21.5 ft.

↓ 80 kg / 176 lbs

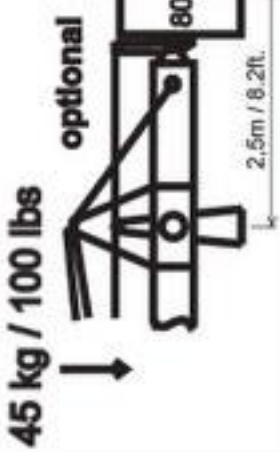
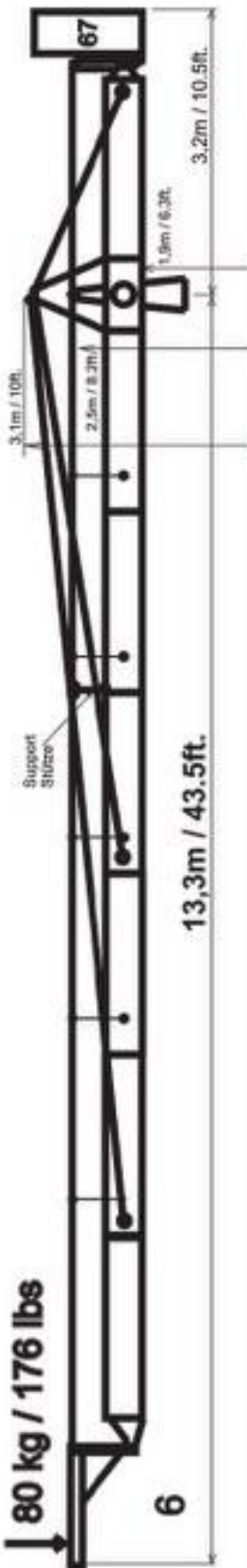
Base Dolly: Mammoth Base



max. Höhe/ height: 12m/39 ft. min. Höhe/ height: -8m/-26.5 ft.

↓ 80 kg / 176 lbs

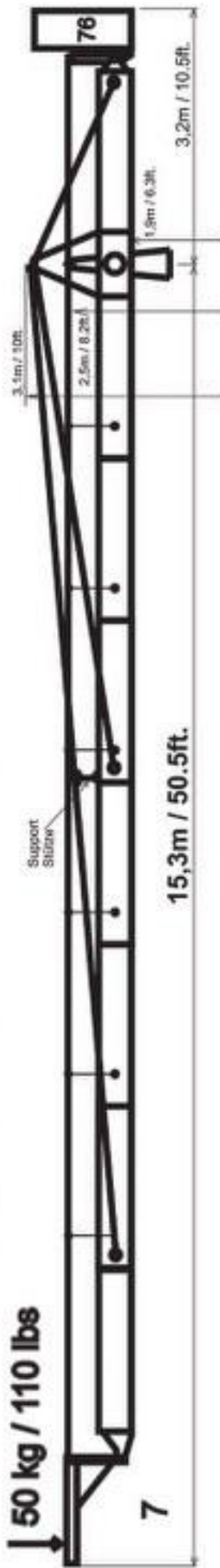
Base Dolly: Mammoth Base



max. Höhe/ height: 13,5m/44 ft. min. Höhe/ height: -9,5m/-31.5 ft.

↓ 50 kg / 110 lbs

Base Dolly: Mammoth Base



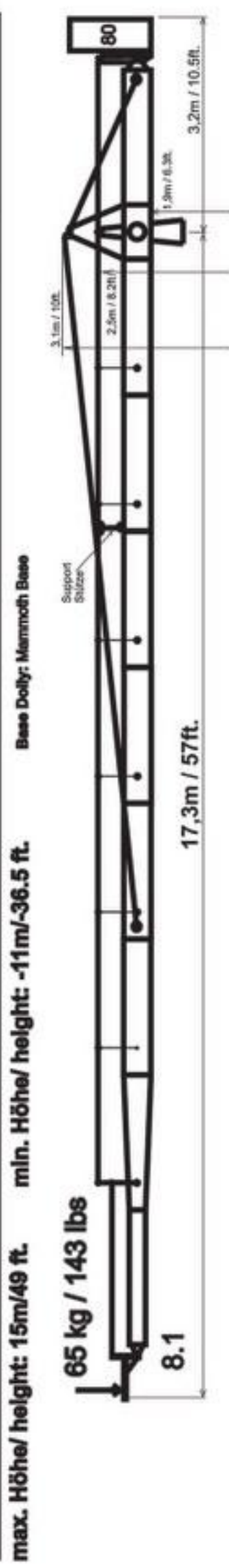
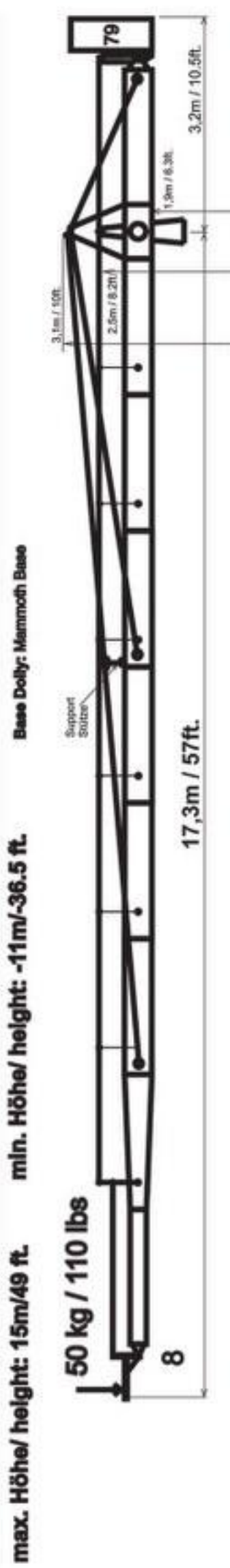
CATEGORY

CAMERA
CRANES

PANTHER
galaxy



REMOTE VERSIONS 3/3



2 CATEGORY

- CAMERA
CRANES

MovieTech MT400



Option Remote Head Max 11m or
Platform Max 6,5m

With only two different bracing and parallelogram bars as well as corresponding crane-arm segments with a length of 1 m and 1.5 m, the MT crane system is the compelling choice due to its extremely short set-up times. Thanks to its intelligent connection system, the “push pins” which were forever being lost at the filming location are now a thing of the past.

The MT 400 is entitled to bear the BG-PRÜFZERT badge.



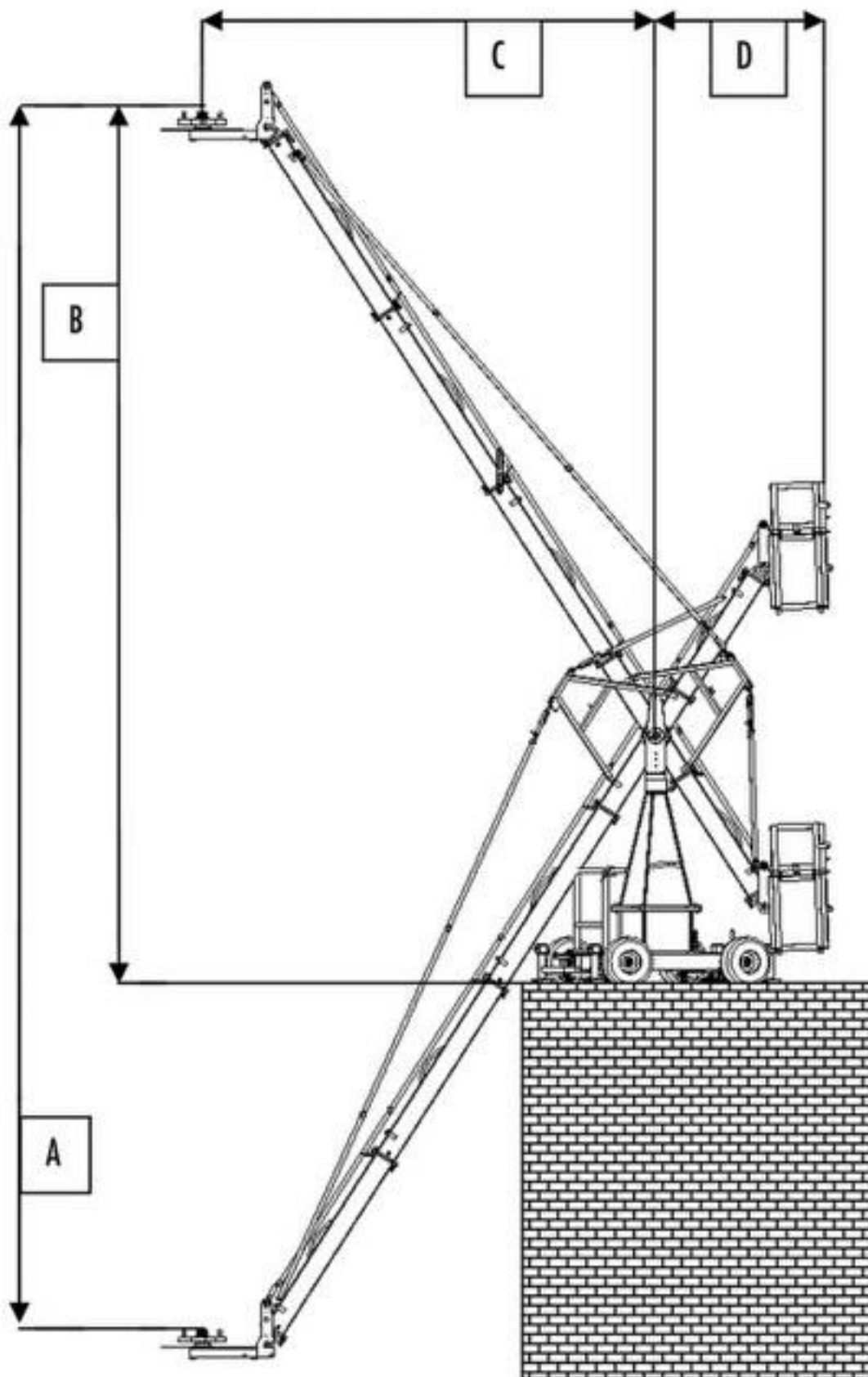
MovieTech MT400



The following terms are used in the tables for crane dimensions:

- Total Travel "A"
- Maximum height "B"
- Boom length, front (in horizontal position of the crane arm) "C"
- Boom length, rear (in horizontal position of the arm) "D"

The terms used have been inserted in the following illustration:



MovieTech MT400



PLATFORM VERSIONS

P1 VERSION

CAUTION: Only the bottom weight basket can be mounted when used without strut bar!



Rear boom		1 m	1.5 m
Required boom, front		1 x 1.5 m	1 x 1.5 m
Strut bars / parallelogram bars	Front	1 x 1.5 m	1 x 1.5 m
	Rear	1 x 1 m	1 x 1.5 m
Total travel		3.71 m	3.71 m
Maximum height	Without column extension	3.46 m	3.02 m
	With column extension	3.79 m	3.69 m
Payload		180 kg	180 kg
Counterweight with payload		256 kg	200 kg
Boom length	Front (reception flange)	2.77 m	2.77 m
	Rear (outer edge of basket)	1.97 m	2.45 m
Own weight without payload and counterweights		238.5 kg	265 kg

P2 VERSION



Rear boom		1 m	1.5 m
Required boom, front		2 x 1.5 m	2 x 1.5 m
Strut bars / parallelogram bars	Front	6 x 1.5 m	6 x 1.5 m
	Rear	3 x 1 m	3 x 1.5 m
Total travel		6.05 m	4.64 m
Maximum height	Without column extension	4.63 m	3.93 m
	With column extension	4.96 m	4.26 m
Counterweight unloaded		50 kg	0 kg
Payload		180 kg	180 kg
Counterweight with payload		520 kg	385 kg
Boom length	Front (reception flange)	4.25 m	4.25 m
	Rear (outer edge of basket)	1.97 m	2.45 m
Own weight without payload and counterweights		265 kg	291.5 kg

MovieTech MT400



P3 VERSION

Rear boom		1 m	1.5 m
Required boom, front		3 x 1.5 m	3 x 1.5 m
Strut bars / parallelogram bars	Front	9 x 1.5 m	9 x 1.5 m
	Rear	3 x 1 m	3 x 1.5 m
Total travel		8.63 m	8.63 m
Maximum height	Without column extension	5.92 m	4.89 m
	With column extension	6.25 m	5.95 m
Counterweight unloaded		132 kg	80 kg
Payload		135 kg	180 kg
Counterweight with payload		616 kg	560 kg
Boom length	Front (reception flange)	5.8 m	5.8 m
	Rear (outer edge of basket)	1.97 m	2.45 m
Own weight without payload and counterweights		299.2 kg	325.7 kg

R1 VERSION

CAUTION:

Only the bottom weight basket can be mounted when used without strut bar!

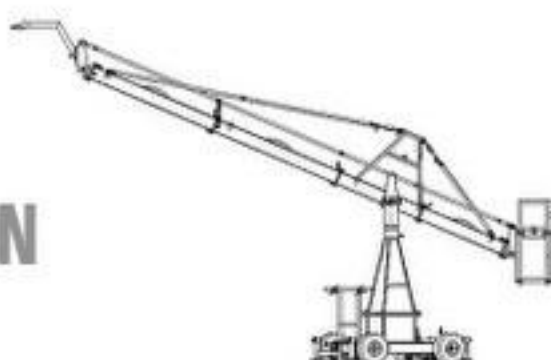


Rear boom		1 m	1.5 m
Required boom, front		1 x 1.5 m	1 x 1.5 m
Strut bars / parallelogram bars	Front	1 x 1.5 m	1 x 1.5 m
	Rear	1 x 1 m	1 x 1.5 m
Total travel		3.71 m	3.71 m
Maximum height	Without column extension	3.82 m	3.38 m
	With column extension	4.15 m	4.05 m
Counterweight unloaded		0 kg	0 kg
Payload		80 kg	80 kg
Counterweight with payload		120 kg	80 kg
Boom length	Front (reception flange)	3.01 m	3.01 m
	Rear (outer edge of basket)	1.97 m	2.45 m
Own weight without payload and counterweights		229.7 kg	256.2 kg

MovieTech MT400



R2 VERSION



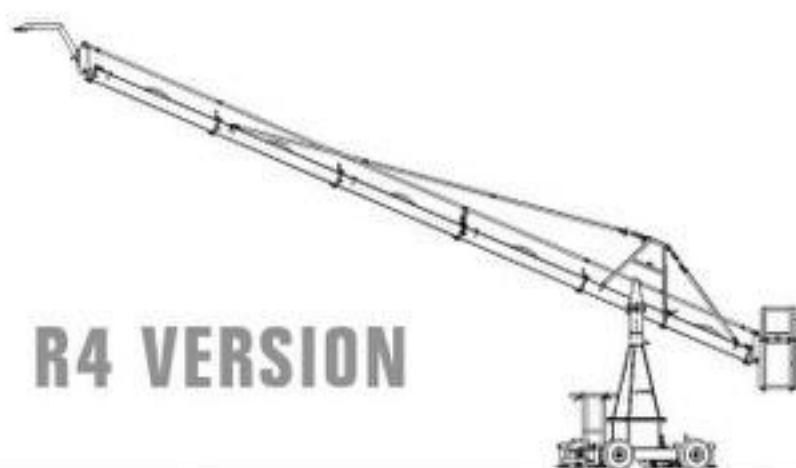
Rear boom		1 m	1.5 m
Required boom, front		2 x 1.5 m	2 x 1.5 m
Strut bars / parallelogram bars	Front	6 x 1.5 m	6 x 1.5 m
	Rear	3 x 1 m	3 x 1.5 m
Total travel		6.06 m	6.06 m
Maximum height	Without column extension	4.99 m	4.28 m
	With column extension	5.32 m	4.61 m
Counterweight unloaded		40 kg	0 kg
Payload		80 kg	80 kg
Counterweight with payload		245 kg	195 kg
Boom length	Front (reception flange)	6.05 m	6.05 m
	Rear (outer edge of basket)	1.97 m	2.45 m
Own weight without payload and counterweights		274.4 kg	300.9 kg

R3 VERSION



Rear boom		1 m	1.5 m
Required boom, front		3 x 1.5 m	3 x 1.5 m
Strut bars / parallelogram bars	Front	9 x 1.5 m	9 x 1.5 m
	Rear	3 x 1 m	3 x 1.5 m
Total travel		8.63 m	8.63 m
Maximum height	Without column extension	6.28 m	5.25 m
	With column extension	6.61 m	6.42 m
Counterweight unloaded		92 kg	48 kg
Payload		80 kg	80 kg
Counterweight with payload		388 kg	264 kg
Boom length	Front (reception flange)	6.05 m	6.05 m
	Rear (outer edge of basket)	1.97 m	2.45 m
Own weight without payload and counterweights		272.2 kg	298.7 kg

MovieTech MT400



R4 VERSION

Rear boom		1 m	1.5 m
Required boom, front		4 x 1.5 m	4 x 1.5 m
Strut bars / parallelogram bars	Front	10 x 1.5 m	10 x 1.5 m
	Rear	3 x 1 m	3 x 1.5 m
Total travel		11.08 m	11.08 m
Maximum height	Without column extension	7.5 m	6.18 m
	With column extension	7.83 m	7.54 m
Counterweight unloaded		160 kg	104 kg
Payload		80 kg	80 kg
Counterweight with payload		544 kg	400 kg
Boom length	Front (reception flange)	7.57 m	7.57 m
	Rear (outer edge of basket)	1.97 m	2.45 m
Own weight without payload and counterweights		307 kg	333.5 kg



R5 VERSION

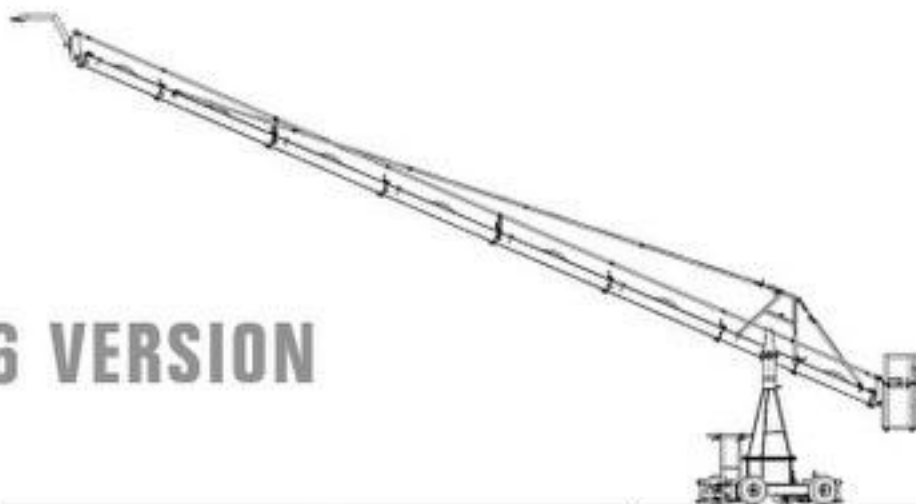
Rear boom		1 m	1.5 m
Required boom, front		5 x 1.5 m	4x1.5m+1x1m
Strut bars / parallelogram bars	Front	13 x 1.5 m	12x1.5m+1x1m
	Rear	3 x 1 m	3 x 1.5 m
Total travel		13.54 m	13.54 m
Maximum height	Without column extension	8.49 m	7.12 m
	With column extension	8.82 m	8.7 m
Counterweight unloaded		260 kg	156 kg
Payload		65 kg	65 kg
Counterweight with payload		632 kg	424 kg
Boom length	Front (reception flange)	9.9 m	9.9 m
	Rear (outer edge of basket)	1.97 m	2.45 m
Own weight without payload and counterweights		323.6 kg	350.1 kg

MovieTech MT400



14.6 400-R6 version

R6 VERSION



Rear boom		1 m	1.5 m
Required boom, front		5x1.5m+1x1m	4x1.5m+2x1m
Strut bars / parallelogram bars	Front	15x1.5m+1x1m	12x1.5m+4x1m
	Rear	3 x 1 m	3 x 1.5 m
Total travel		15.52 m	15.52 m
Maximum height	Without column extension	9.7 m	7.5 m
	With column extension	10.03m	9.3 m
Counterweight unloaded		344 kg	220 kg
Payload		65 kg	65 kg
Counterweight with payload		764 kg	500 kg
Boom length	Front (reception flange)	10.13 m	9.68 m
	Rear (outer edge of basket)	1.97 m	2.45 m
Own weight without payload and counterweights		333.1 kg	359.6 kg

R7 VERSION



Rear boom		1 m	1.5 m
Required boom, front		5x1.5m+2x1m	4x1.5m+3x1m
Strut bars / parallelogram bars	Front	15x1.5m+4x1m	12x1.5m+7x1m
	Rear	3 x 1 m	3 x 1.5 m
Total travel		16.84 m	16.84 m
Maximum height	Without column extension	10.38 m	8.38 m
	With column extension	10.72 m	10.27 m
Counterweight unloaded		432 kg	276 kg
Payload		45 kg	65 kg
Counterweight with payload		760 kg	592 kg
Boom length	Front (reception flange)	11.13 m	10.64 m
	Rear (outer edge of basket)	1.97 m	2.45 m
Own weight without payload and counterweights		344.4 kg	367.4 kg

3

TRACKS FOR CRANES

MOVIETECH

RONFORD

GFM

PANTHER

1 m | 3,25'

1,5 m | 5'

2 m | 6,5'

3 m | 10'

4 m | 13'

5,5 m | 18'

1 m | 3,25'

1,5 m | 5'

2 m | 6,5'

3 m | 10'

4 m | 13'

5,5 m | 18'

3 m | 10'

5,5 m | 18'

payload:
1000 kg / 2200 lb

payload:
400 kg / 880 lb

payload:
250 kg / 550 lb



CATEGORY - TRACKS

MT400 CRANE TRACK



MOVIE TRACK



Gauge 62 cm
90cm/3ft, fixed/foldable
160cm/5ft, fixed/foldable
230cm/7,5ft, fixed/foldable
Curve 45°
Inner radius 240 cm/7,8 ft
Outside radius 302 cm/9,9 ft



PRECISE TRACK CONNECTIONS:

The MovieTrack is made of a precise steel tube. This allows hitchless passages on the track connections.

CATEGORY - TRACKS

RONFORD TRACK



Precision Stainless Steel Track is available in 8', 6', 4', 3', 2' and 1' straight sections. 12', 18' and 24' Curve sections also available. 1 metre centre Crane Track, Super Techno 30 and 50 Track supplied.

DOLLY TRACK

1, 2, 3, 4, 6, 8 foot Straight

8 CURVED SECTIONS PER CIRCLE @ 45 DEGREES

12, 18, 24 foot Circle

PER SECTION.

CRANE TRACK

4, 6, 8 foot Straight

SUPER TECHNO 30 CRANE TRACK 1446 M/M CENTRES

4, 6, 8 foot Straight

SUPER TECHNO 50 CRANE TRACK 2025 M/M CENTRES

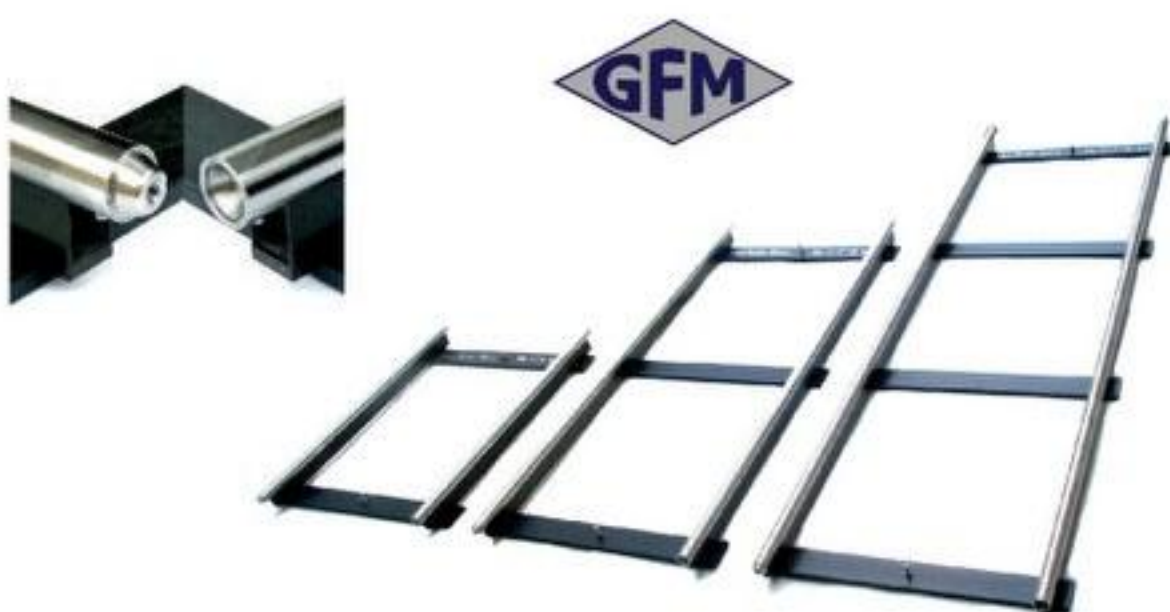
2, 4, 6, 8 foot Straight

"I" BEAM SYSTEM

The Applebeam system is a time saving support method incorporating alloy extrusions and scaffold tubing. Being fully adjustable they can be set up to suit both Crane track and dolly tracks, or used as a simple rostrum.



GF TRACK



GF-Track is a dolly and crane track system that perfectly combines the advantages of both aluminium and stainless steel as the working materials. Standard widths are 62cm (24,5") and 100cm (39").

GF-TRACK	62cm/24,5"	100cm/39"
90cm/3'	8,3kg/18,2lbs	9,9kg/21,7lbs
160cm/5'	13,5kg/29,7lbs	15,9kg/34,9lbs
230cm/7'6"	18,9kg/41,5lbs	21,1kg/48,6lbs
Standard curve	18kg/39lbs	

DOLLY STOPPER



MOUNTING RAMP



STANDARD CIRCLE

Inside diameter 480 cm (16')
Outside diameter 600 cm (20')



Standard extrusion
for Dolly track



Strengthened ex-
trusion for Crane
track

CATEGORY - TRACKS

PANTHER TRACK



PRECISION MONO TRACK LENGTH



0,5m / 1,5'
1m / 3,25'
1,5m / 5'
2m / 6,5'
3m / 10'
4m / 13,5'
5,5m / 18'

Payload for Precision Mono Track on floor and with standard track support (every 70cm) is 3000 kg.



Track connection with integrated eccentric lock mechanism



Stainless steel cover which can be exchanged





926*mm

714mm

223mm

4

STABILIZED REMOTE HEADS

&

ACCESSORIES

MATRIX 4 AXIS GIMBAL

FLIGHT HEAD MINI

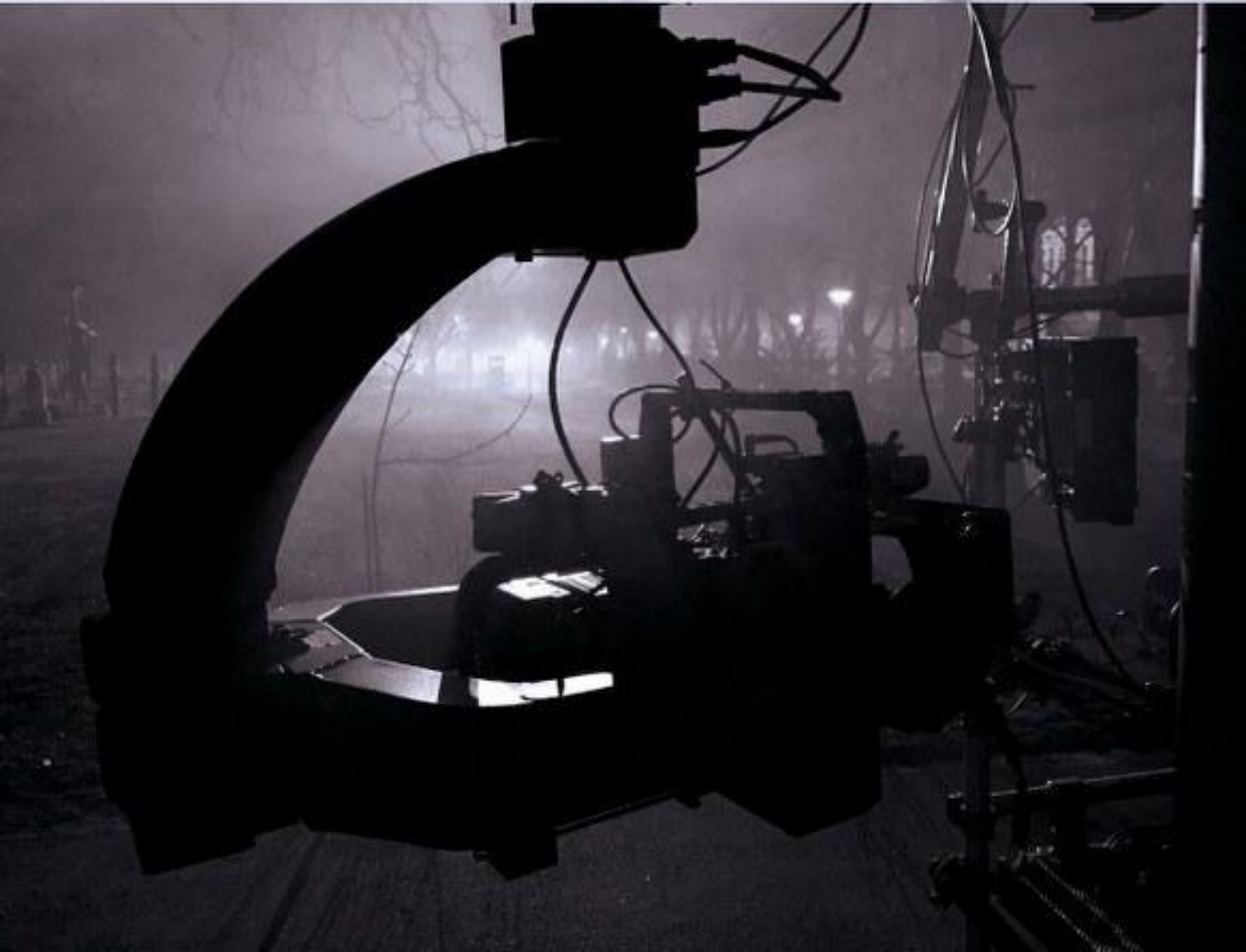
FLIGHT HEAD V

BLACK ARM

GFM MAXI AND MINI
SHOCK ABSORBER

MÖVI XL

NEWTON S



4

CATEGORY - STABILIZED
REMOTE HEADS

MATRIX 4 AXIS GIMBAL



SPECIFICATION

- System Type: 4 axis gyro stabilized
- Head Weight: 68 lbs
- Max Payload: 100+ lbs
- Pan Limit: 360° continuous
- Tilt Limit: 360° continuous
- Roll Limit: 360° continuous
- Pan Speed: 200°+ per sec
- Tilt Speed: 200°+ per sec
- Roll Speed: 200°+ per sec
- Operating Temp: -20° F to 120° F
- Power Requirements: 22 to 52V DC
- Min. Dims: 28" T x 24.5" W x 6.5" D
- Controls: Handwheels
- Opt: Joystick, Wireless control, Pan-bar



4

CATEGORY - STABILIZED
REMOTE HEADS

MATRIX 4 AXIS GIMBAL



FEATURES

- 4 Axis with full regard. No gimbal lock. Does not require level mounting point.
- Custom designed high torque direct drive motors on all 4 axis's.
- 360-degree continuous roll, Pan and Tilt. (no limits)
- Fiber optic video path.
- Wheels, Joystick, Pan bar and many other control options. (USB ready, Bring your Xbox controller if you like).
- Wireless control via proprietary system. (real time upgrades and modifications)
- Carbon fiber construction.
- 200 plus degrees per second pan rate.
- 100+lb payload.
- Will carry IMAX and Most film cameras.
- Can obtain camera nodal on all axis.
- Two stabilization levels: Stealth mode for quiet settings and Ludacris mode for extremely fast pan rates and high G-force environments.
- 68 lbs gimbal weight.
- Custom designed payload lock down. (Keep your handle on).
- Proprietary quick adjust twist counter weight design for high performance stabilization.
- Quick adjust X and Y.
- 3" and 6" extenders. Install in any orientation.



FLIGHT HEAD MINI 3

filmotechnic

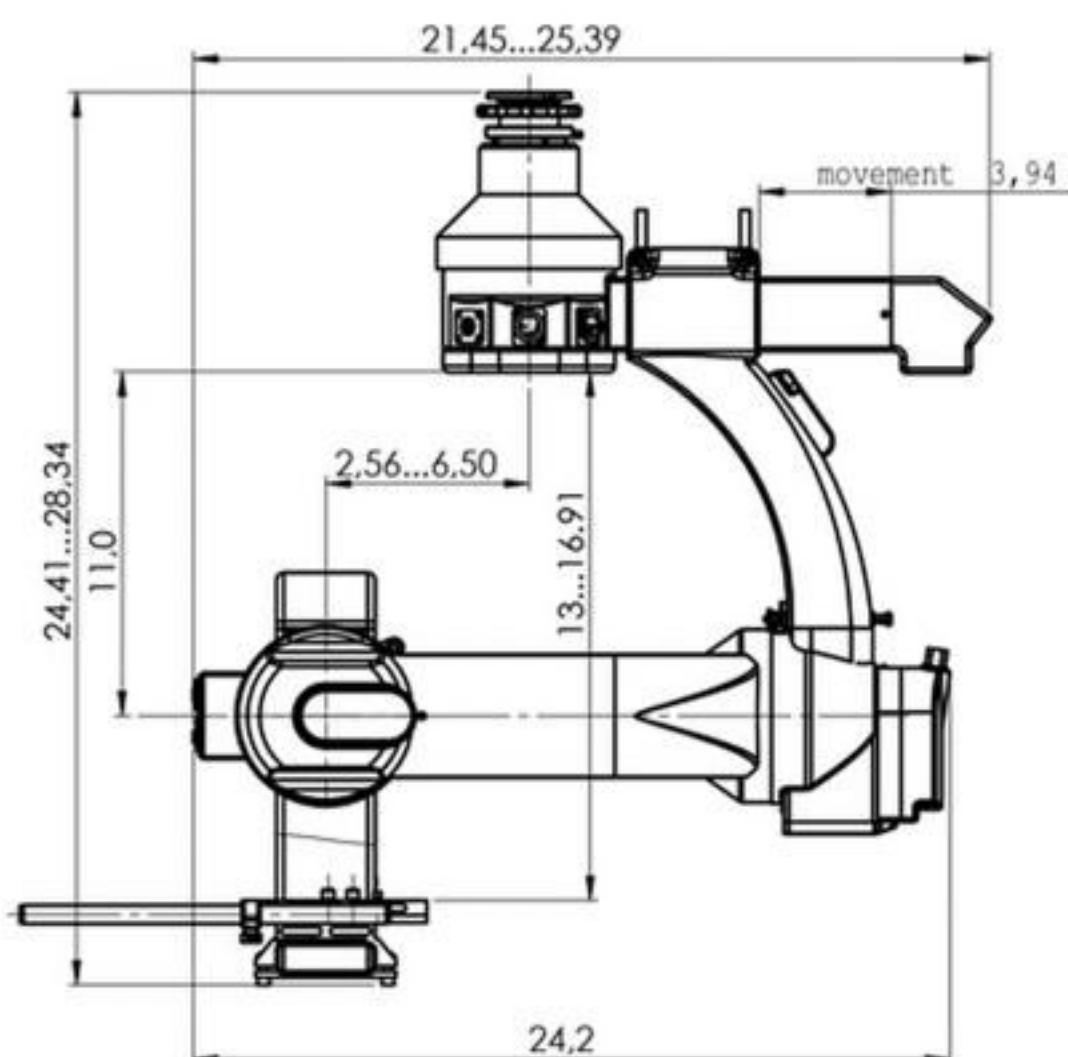


The Flight Head Mini is a new generation of the stabilized camera remote equipment which eliminates adverse motion artifacts from all three axis (pan,roll,tilt). It is one of the lightest and most compact stabilized heads on the market. MINI expands the opportunities and surpasses all expectations in creation of a desired shot. Due to its lightweight design and stabilization performance you can achieve unusual shooting angles ensuring very stable images. MINI is for use with CCD optical blocks or small HD cameras and their zoom lenses. It can be used on any type or size of camera crane, dolly, portable handheld booms, steadicams, cablecam rigs producing amazing stabilization quality. It is fully operational in hanging or sitting mode by joystick, handwheels or panbar control consoles (optional).



FLIGHT HEAD MINI 3

filmotechnie



SPECIFICATION

- 3 Axis Gyro-Stabilized
- Back-pan compensation
- RF Wireless capability
- Pan axis travels through 360°
- Roll axis travels through 270°
- Tilt Axis travels through 200°
- Payload capacity 11,8kg (26 lbs)
- Light Weight 9.5 kg (20,9 lbs)
- Temperature range from - 4,5 °C up to +40 °C
- Mounts to standard Mitchell base
- Slip Rings Available

POWER REQUIREMENTS

- 24-30 VDC
- 2 Amps Standby
- 15 Amps Din. Max

DIMENSIONS

- Length 44.5 cm
- Width 38 cm
- Height 57 cm

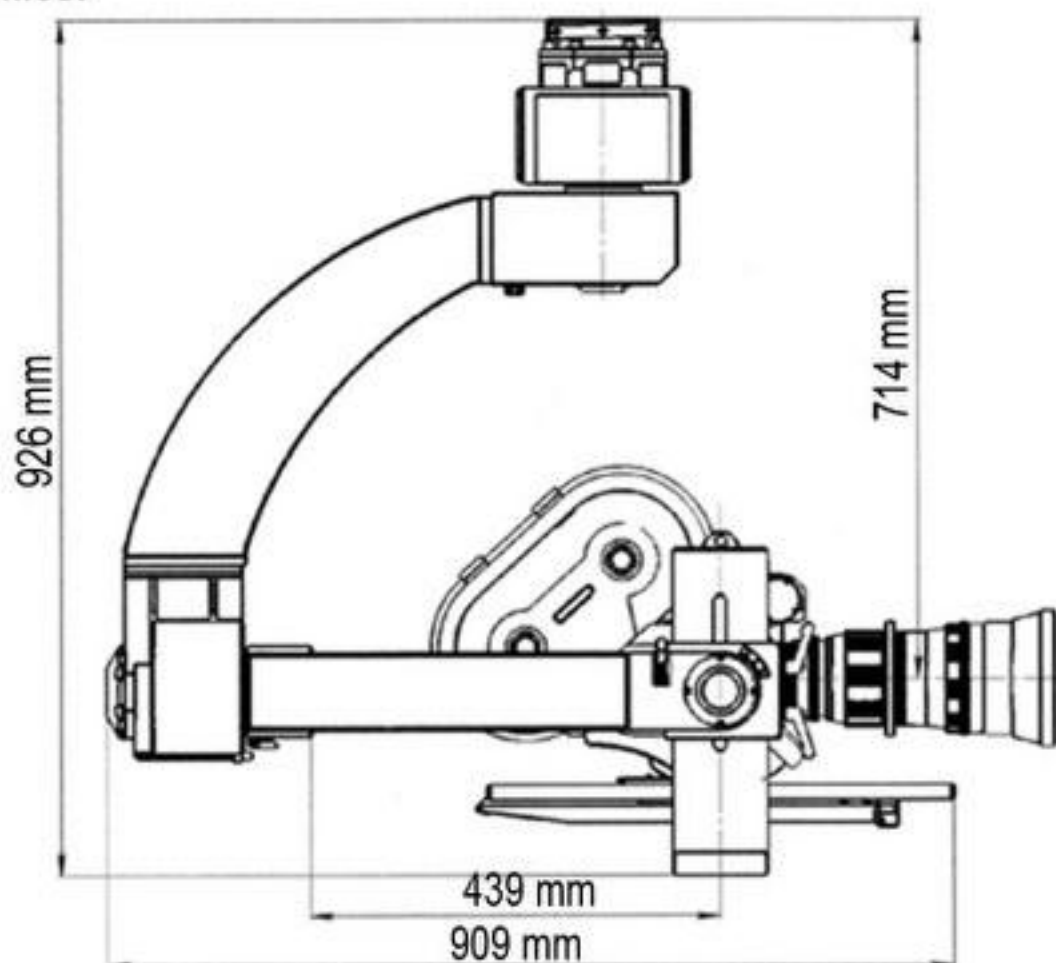
4 CATEGORY - STABILIZED REMOTE HEADS

FLIGHT HEAD V

filmotechnic



The Flight Head V's unique 3 or 4-axis gyro-stabilized design eliminates all bumps & vibrations resulting in an extremely smooth and stable picture (10 - 500mm film lenses). The Flight Head V (FHV) provides complete control of the camera and lens functions. The FHV is operated via joystick or hand wheels. Besides its specific role with the Russian Arm the Flight Head V is the perfect head for: Super Techno Cranes, Shock Absorber, Camera Cars, Chase Cars, Boats, Remote Dollies.



4 CATEGORY - STABILIZED REMOTE HEADS

FLIGHT HEAD V

filmotechnie

SPECIFICATION

3 or 4 Axis Gyro-Stabilized.

Back-pan compensation.

RF Wireless capability.

Digital Auto Horizon always keeps camera level even in hi G turns.

Auto Horizon can be turned off for greater control of Roll Axis.

Pan axis travels through 360° with back-pan compensation.

Roll axis travels through 270° with auto horizon.

Tilt Axis travels through 200°.

Pan Speed, Roll Speed, Tilt Speed 160 °/ sec.

Preston FIZ plugs into head console to give Zoom control on the left joy stick.

Payload capacity up to 40 kg.

Light Weight only 24 kg.

Temperature range from -40 °C up to +40 °C.

Mounts to standard Mitchell base.

POWER REQUIREMENTS

24-30 VDC

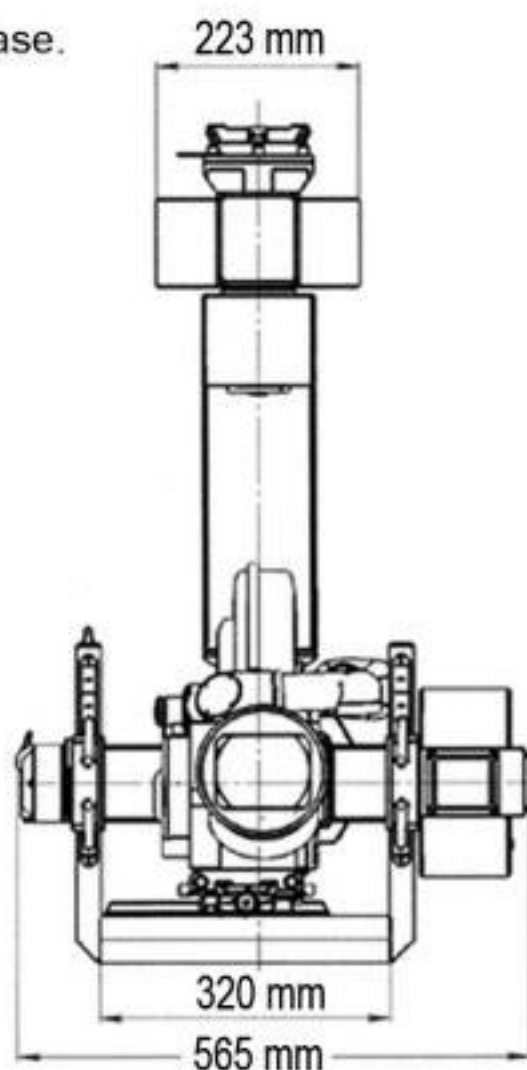
2 Amps Standby

15 Amps Din. Max.

DIMENSIONS

0 Width 56 cm

Height 100 cm



4 CATEGORY - STABILIZED REMOTE HEADS

BLACK ARM

~~FLOWCINE~~



Wire AVM weight ranges:

- 1 - 7-10 kg (15-22 lbs)
- 2 - 10-14 kg (22-31 lbs)
- 3 - 14-19 kg (31-42 lbs)
- 4 - 19-26 kg (42-57 lbs)
- 5 - 26-34 kg (57-75 lbs)

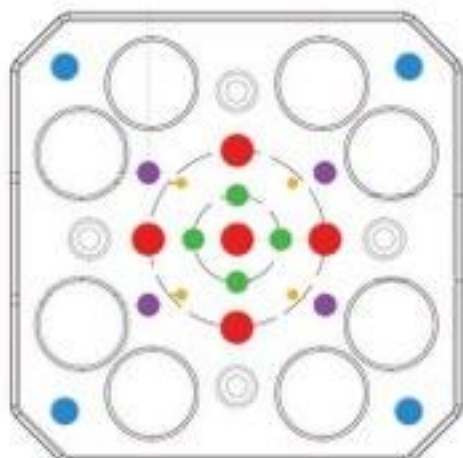
Tranquilizer weight ranges:

- 20 weight range: 5.40 - 10.75kg
- 30 weight range: 6.70 - 13.25kg
- 40 weight range: 11.25 - 22.50kg
- 50 weight range: 13.75 - 27.50kg
- 60 weight range: 19.00 - 34.50kg



AVAILABLE MOUNTING POINTS

- A) 4 x 1/4"-20 UNC - 25mm CC
- B) 5 x 3/8"-16 UNC - 25,4mm (1") CC
- C) 4 x 8mm holes - 98,99mm CC
- D) 6.5mm holes - 2"x1.5" CC (Cinemilled DJI Ronin Universal)
- E) 3.2mm holes - 32mm CC (toad-in-the-hole)



4 CATEGORY - STABILIZED REMOTE HEADS

GFM ABSORBER MAXI



OVER SLUNG



48MM SCAFFOLD TUBE MOUNT

Weight tube mounted:	28,5 kg / 62 lbs
Weight scaffold mounted:	45,3 kg / 99 lbs
Max. payload:	100 kg / 220 lbs
Spring range:	30 cm / 11"
Temperature range:	-20° C to +50° C -4° F to +122° F
Dimensions (L x W x H):	102 x 27 x 41 cm 40" x 10" x 16"



4 CATEGORY - STABILIZED REMOTE HEADS

GFM ABSORBER MINI



MITCHELL MOUNT



BOWL MOUNT



OVER SLUNG



UNDER SLUNG

Weight:	9.7 kg / 21 lbs
Max payload:	56 kg / 123 lbs
Temperature range:	-20 °C to +50 °C -4 °F to +122 °F
Dimensions (L x W x H):	55 x 19 x 28 cm 21" x 7" x 11"



4 CATEGORY - STABILIZED
REMOTE HEADS

FREEFLY-MöVI XL

MöVI XL



2.4GHz CONTROLLER

PILOT

Mövi PRO APP

MIMIC



FREEFLY-MöVI XL



SPECIFICATION

DIMENSIONS

MöVI XL 664 x 507 x 700mm (L*W*H)

Camera Cage 399 x 255 x 289mm (L*W*H)

MECHANICAL

Pan Range of Motion 360° Continuous Rotation

Tilt Range of Motion Software adjustable up to +90°/-170°

Roll Range of Motion Software adjustable up to ±90°

Max Pan Rate 200°/s

Max Tilt Rate 200°/s

Max Roll Rate 200°/s

Weight 11kg

Max Payload 23kg

Max Operating Speed* 160 kph

*Varies based on mounting and payload

Operating Temperatures -20°C to 50°C

Ingress Protection IP52, resistance to dust and dripping water

Mounting System MöVI XL Quick Release, Mitchell Mount

Materials Carbon Fiber, 6061-T6 Aluminum,

Glass Reinforced Polymers

ELECTRONICS

Data Logging Rate 5, 10, and 25 Hz

Connections Bluetooth Low Energy v4.2 and 2.4GHz Custom FHSS Radio

Motor Type Direct-drive 3-phase Brushless

Rotor Magnet Material Neodymium

Peak Motor Power 1300W

Data Storage microSD

Port Types GCU ports - COM1, 12V, COM 2

TSU Ports - LTC Timecode In/Out, EXP, CANbus + Battery Voltage,

CAM, 12-14V CAM, 12V AUX, F.I.Z, USB Type C

Aux Ports - Auxiliary Power

BATTERY

Nominal Battery Voltage 22.2V

Max Battery Voltage 25.2V

Battery Capacity 10000 mAh

NEWTON S2



MOUNTING POINT CONNECTORS

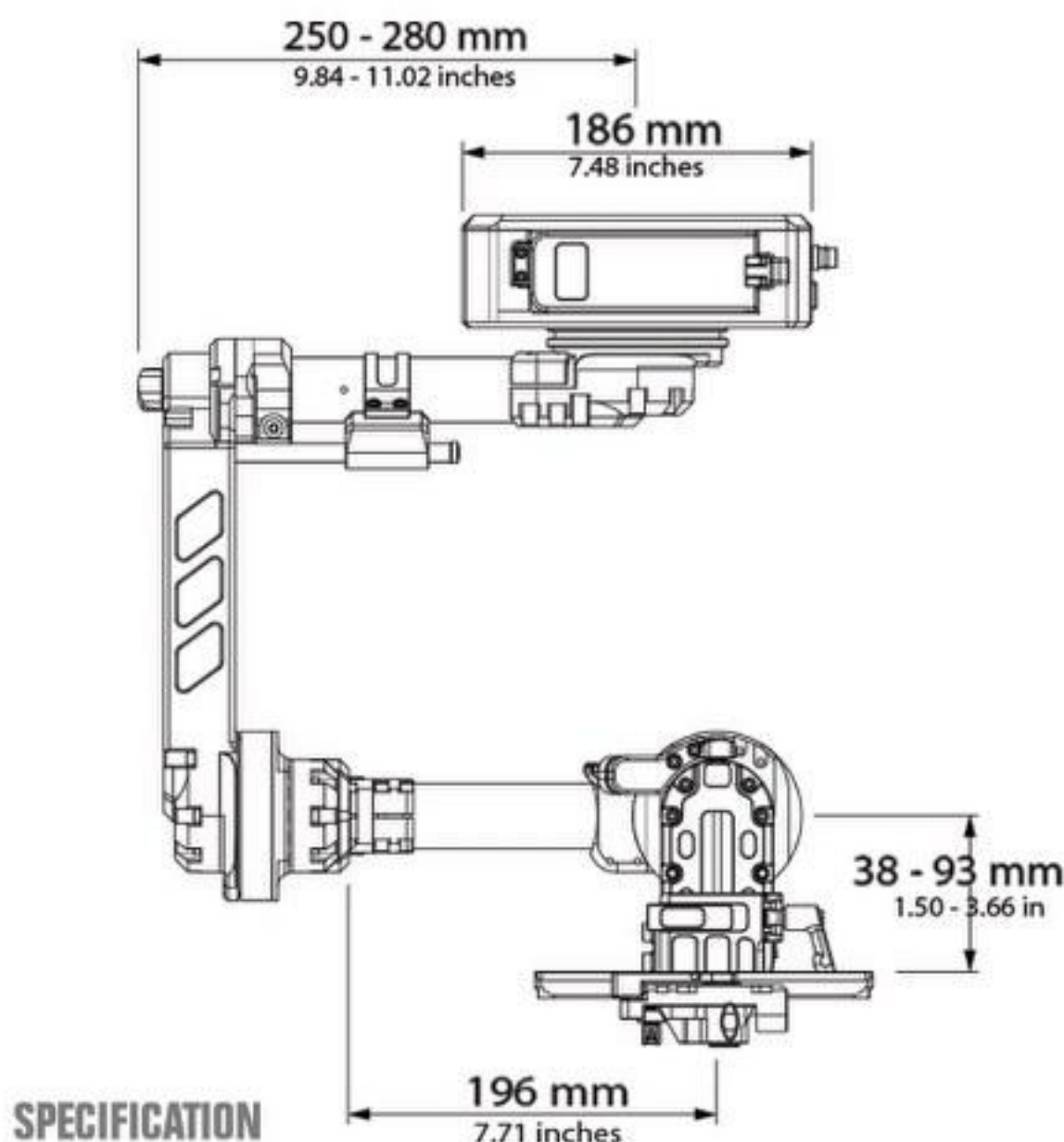
- 1x 3G-SDI passthrough.
- 1x HD-SDI passthrough.
- 1x Power out.
- 1x Power in.
- 1x Ethernet control.
- 1x Ethernet camera passthrough.
- CAN bus (IA-CAN).

CAMERA CONNECTORS

- 1x 3G-SDI passthrough.
- 1x HD-SDI passthrough.
- 1x Ethernet passthrough.
- 1x Power out.
- CAN bus (IA-CAN).



NEWTON S2



SPECIFICATION

Max camera size: 210 x 260 x 210 mm (HxWxD)

Mitchell mount or cheeseplate.

Mounted over-slung & under-slung.

Weight: 6.5 kg empty

Max rotation speed: 360 deg/sec.

DISPLAY: 2.4" TFT-LCD Color (320 x 240).

ROTATION SPECIFICATION

Pan rotation: unlimited.

Tilt: +45/-135 degrees Roll: +/-45 degrees

Dust and water protected

-20 °C to +45 °C (-4 °F to 113 °F)

INPUT SUPPLY: 24-36V DC.

12-24V with reduced power

CAMERA RUN/STOP:

RED Epic/Dragon/Weaon.

ARRI Alexa Mini /others via RTMotion Lens cotrol

LENS CONTROL

Canon Broadcast lenses (HJ14ex4.3 and similar).

Canon Cine-Servo.

Fujinon Broadcast lenses.

RTMotion mk3.



5

REMOTE HEADS

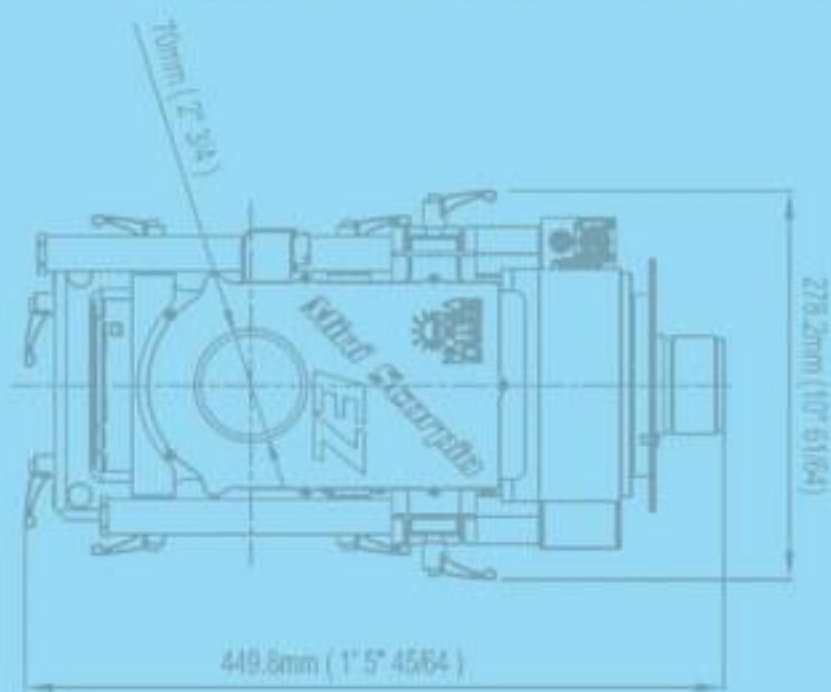
&

ACCESSORIES

**SCORPIO II CLASSIC HEAD
3 AXIS**

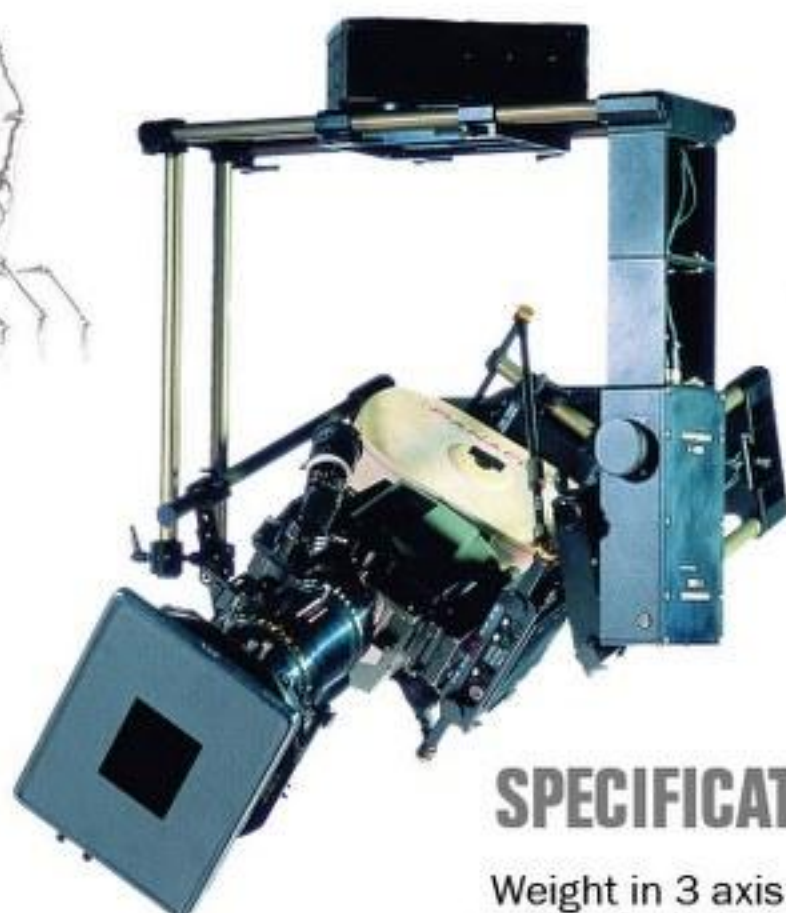
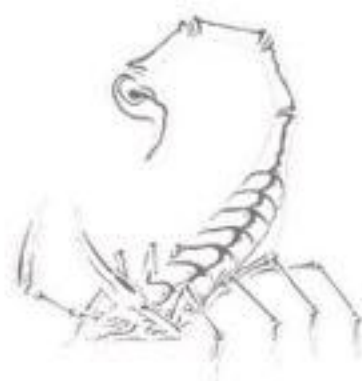
**SCORPIO MINI EZ
2 AXIS**

SCORPIO MICRO HEAD





SCORPIO CLASSIC HEAD



**3
AXIS**

SPECIFICATION

Weight in 3 axis: 42Kg.

Payload en 3 axis: 45Kg.

Power from battery or its own power supply:

24V to 35V /10A

2 Outputs 12V/12.5A for camera power

1 Output 26.7V/12.5A for camera power

Pan, Tilt and Roll speed: 3sec/1rev

Perpetual motion 360° in Pan/Tilt/Roll: 45Kg

Slip rings in Pan and Roll with: 2 video signals

1 triax signal

10 auxiliar contracts

1 connection for lens control



WIRELESS SYSTEM

Scorpio Classic Head can be controlled from up to 500 meters by cable serie RS485 or by wireless half-duplex microwave 2.4GHz.

- Connection between Mini Scorpio Head and the control desk.
- Communication half duplex at 2.4GHz.
- 99 Channels of communication
- Out put of 12V



JDR (Pan Bar)



Heandwheels



Joystick

CONTROL SYSTEMS

SCORPIO MINI EZ



Weight:	SPECIFICATION	13,5Kg
Max. load:		45Kg
Pan Tilt		360 degrees
Power from battery or power supply		24 V to 35 V
1 connection for Scorpio Focus or others lens control systems		
Max. speed in all axis		2,5 sec. for 360 degrees

FEATURES

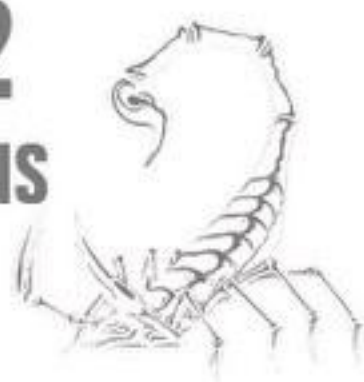
- Compact two axes remote head for video and film cameras.
- Independent axes connected by cable.
- The Micro Scorpio Head can be positioned in overslung and underslung mode.
- Three mounts are available: Mitchell mount, tripod mount, flat mount, 150 mm bowl mount and mount for Jimmy Jib crane.
- Both axes can be moved manually to balance the camera.
- Micro Scorpio Head can be controlled from up to 500 meters by cable serie RS485 or by wireless half-duplex microwave 2,4GHz.
- All axes (Pan and Tilt, Foco, Iris and Zoom using the Scorpio Focus) are programable and repeatable.
- Programmable limits, damping and speed adjustment for all axes available.
- Main control unit that incorporates a joystick with the possibility to add Pan Bar and Hand wheels accessories.
- External hand commands to control lenses and head from different cranes like Jimmy Jib, ABC and Felix.

CATEGORY - REMOTE HEADS

MICRO SCORPIO HEAD



**2
AXIS**



Weight: 6kg / 13,2 lb

Max payload: 12kg / 26,45 lb

Max payload with cage: 25kg / 56 lb

Max speed: 2,4 s/rev

Power from battery or power supply: from 24V to 35V

Connection for Scorpio Focus and others lens control systems.

SPECIFICATION



overslung position



outside PAN AXIS



28 mm tripod mount



big cage



big cage



small cage underslung



small cage overslung

6

DOLLIES &

ACCESSORIES

CHAPMAN HYBRID III

CHAPMAN PEE-WEE III PLUS

CHAPMAN PEE-WEE IV

FISHER 10, 11 DOLLY

MAGNUM LEGGERO DOLLY

INCLUDED: ELECTROMECHANICAL COLUMN

PANTHER CLASSIC PLUS

SUPER FALCON II

NINJA DOLLY ... AND MORE



CATEGORY - DOLLIES
and ACCESSORIES

CHAPMAN HYBRID III




CHAPMAN/LEONARD
— STUDIO EQUIPMENT INC. —
chapman-leonard.com

FEATURES

- Incorporates the Universal Stop Valve System
- Nickel Plated For Less Maintenance
- Has A Built-In Automatic Hydraulic Oil Heating System
- Cam-Lock Chassis Legs
- Compact and Lightweight
- Interchangeable Wheels for Different Terrain Conditions
- Enclosed King Pin System
- Works on Both Straight or Curved Track
- Variable Camera Head Mount
- Soft, Medium or Pneumatic Tires Available
- The Hybrid III incorporates Brakes on Rear Wheels
- Many Accessories Available



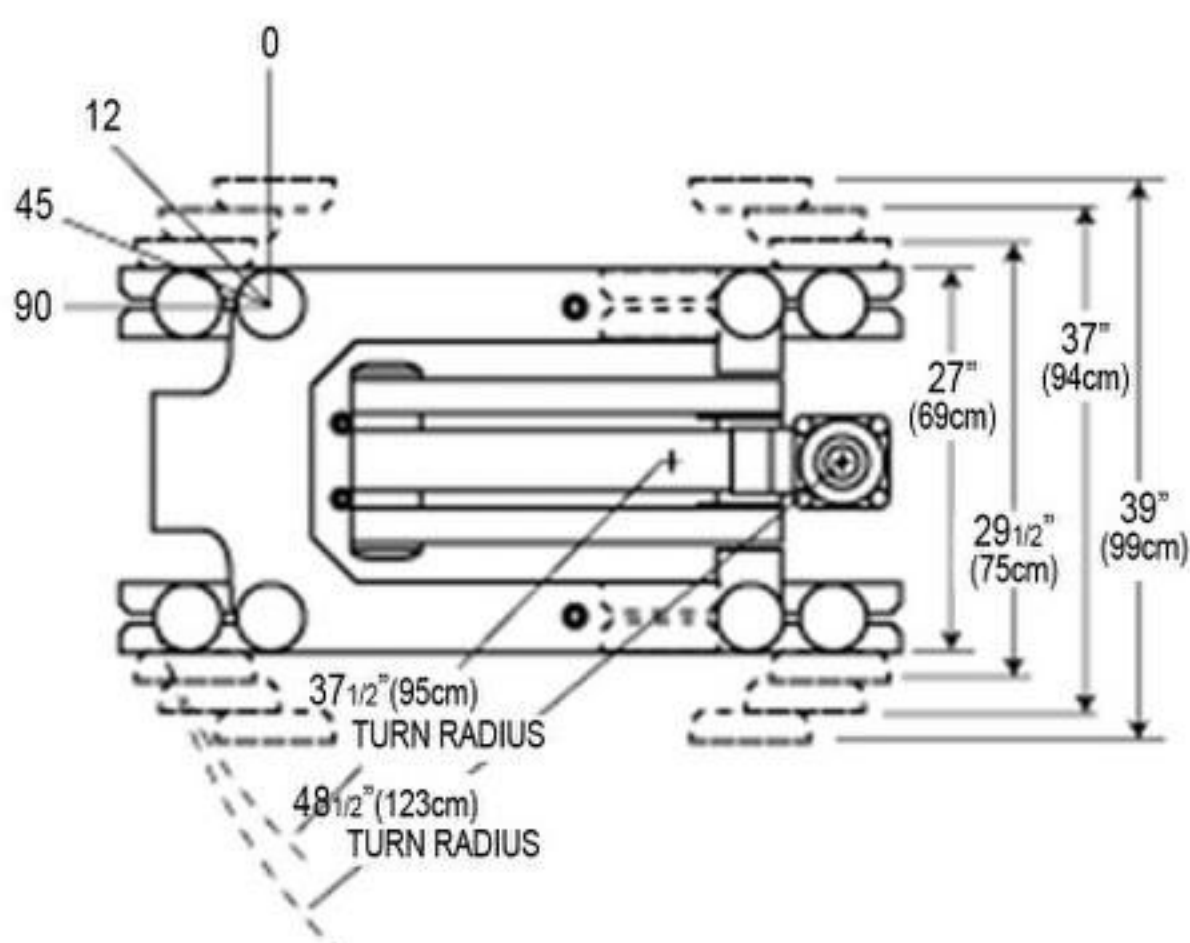
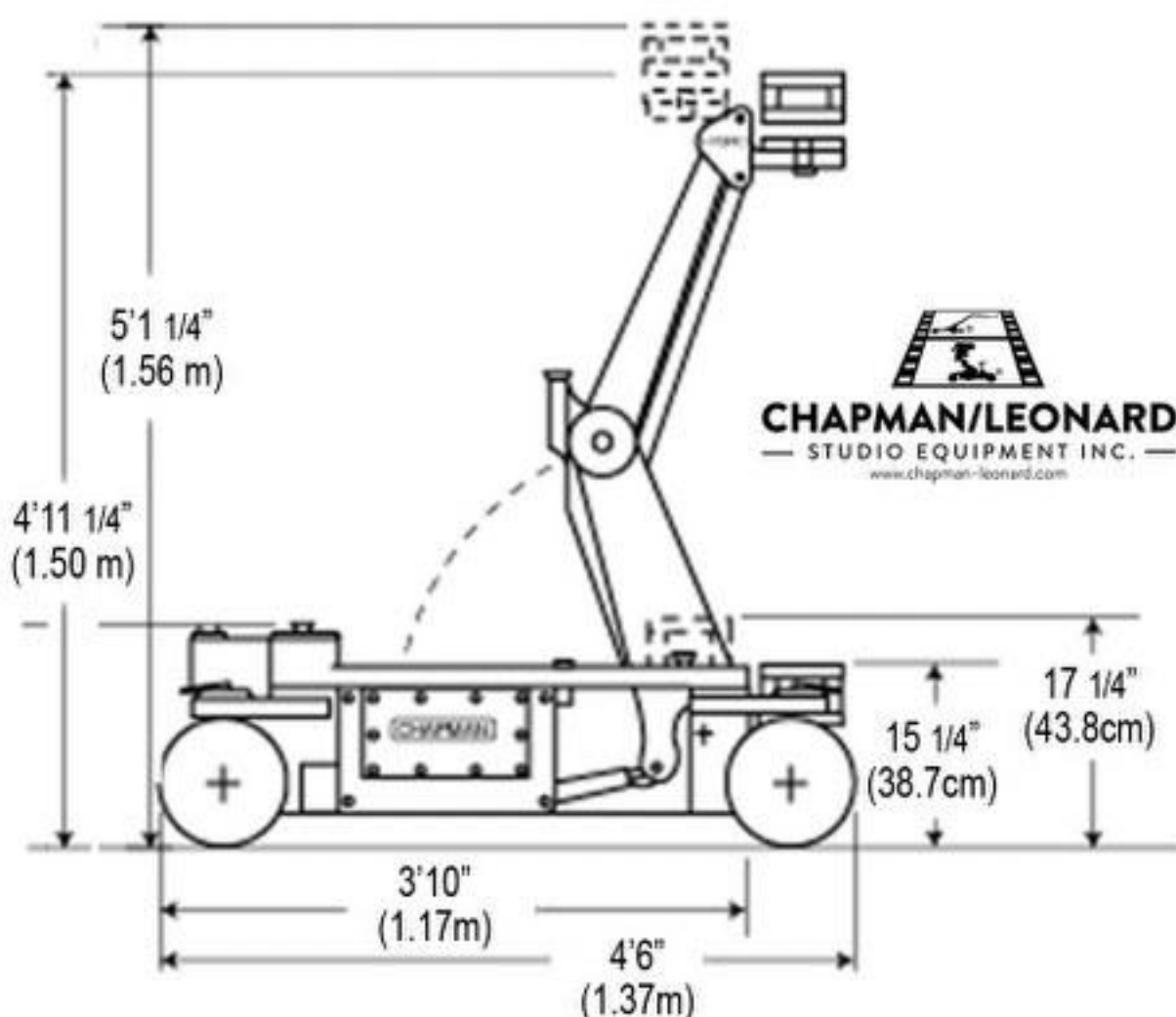
CATEGORY - DOLLIES
and ACCESSORIES

CHAPMAN HYBRID III

HYBRID CAMERA DOLLY

Carrying weight 180Kg (395 lbs)

Maximum payload 227Kg (500lbs)



CATEGORY - DOLLIES
and ACCESSORIES

CHAPMAN PEEWEE III PLUS



FEATURES

- New Leveling Head Locks into 4 Different Positions
- Built-In Riser Adjusts without Removing the Camera
- New Arm Design increases Vertical Travel and Rigidity
- Hardened Stainless Steel Bushings
- Compact and Lightweight for Travel and Storage
- Universal Stop Valve Allows Feathered Stops, as well as, Precise, Repetitive Moves
- Universal Stop Valve Allows Settings on Upper and Lower Stops
- New Control Valve Design is Faster and Quieter While Allowing Smooth Stops
- New Wheel Composition Allows increased Rigidity, as well as, Silent Operation on Track
- New Wheel Composition Allows Easier Steering and Maneuverability
- Many Accessories Available



CATEGORY - DOLLIES and ACCESSORIES

CHAPMAN PEEWEE III PLUS

Carrying Weight 134 Kg (295 lb)
Maximum Payload 113Kg (250lb)

POSITION 1

90° Mode (5'1/2"(1,54m) max. height)

POSITION 4

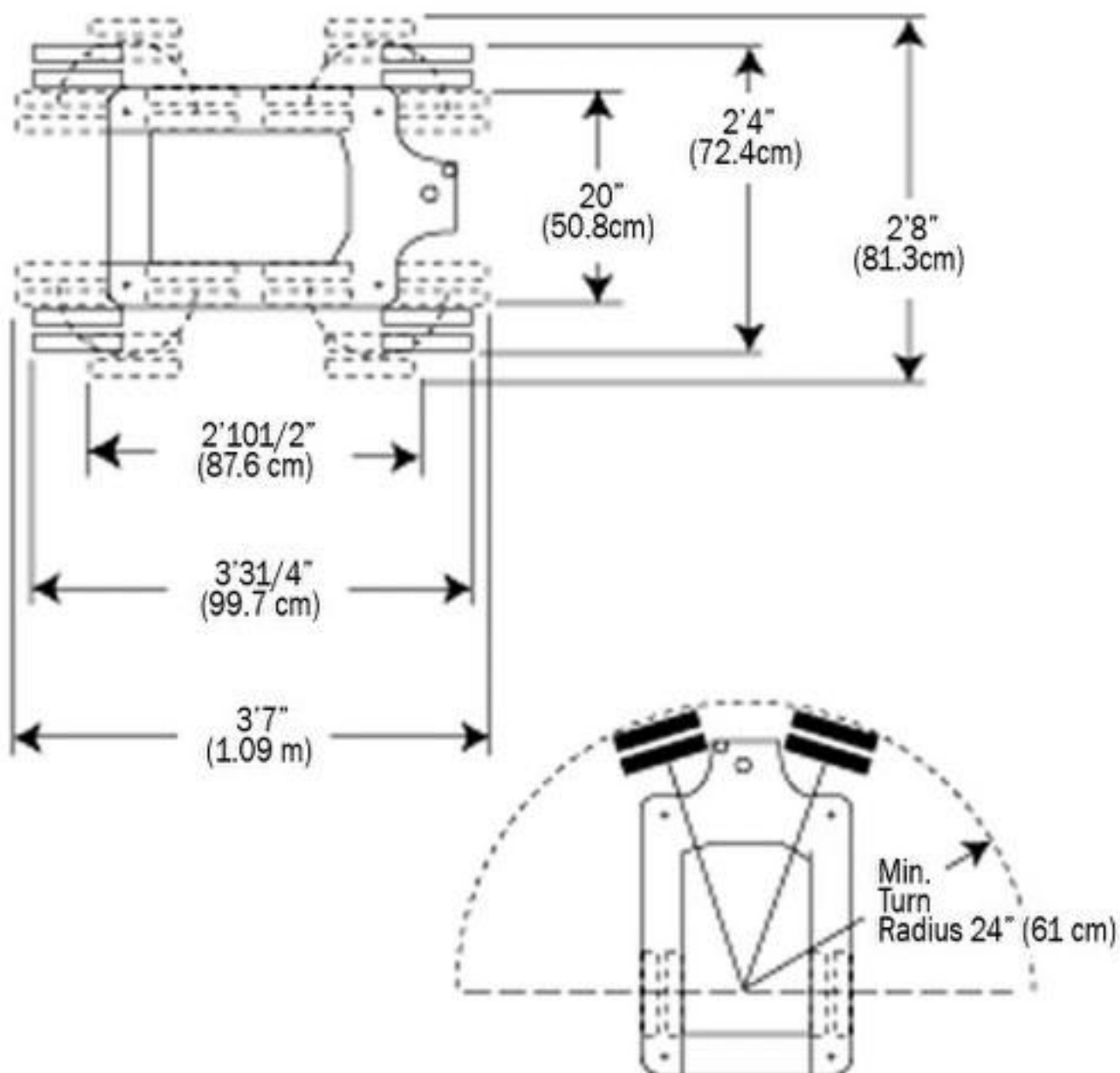
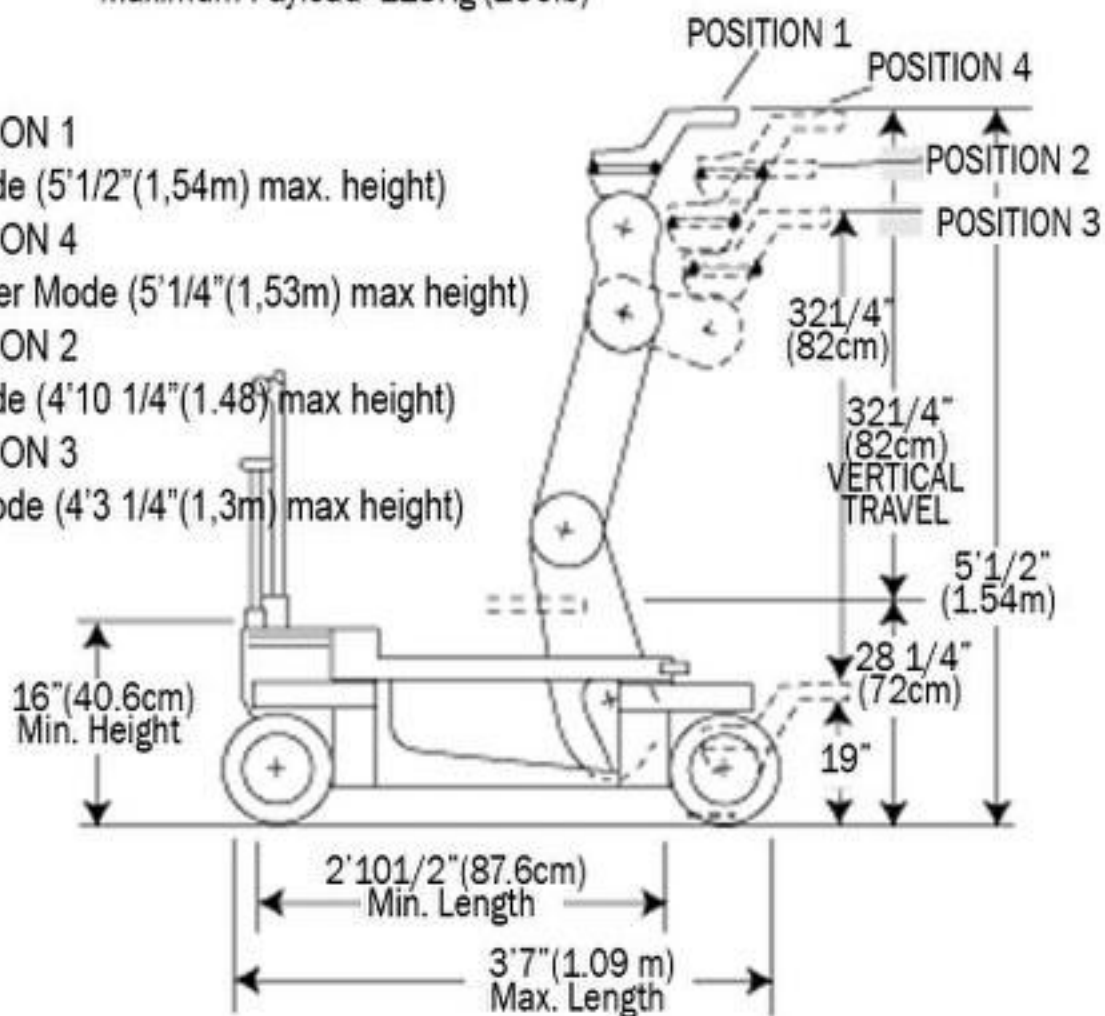
Extender Mode (5'1/4"(1,53m) max height)

POSITION 2

45° Mode (4'10 1/4"(1.48) max height)

POSITION 3

Low Mode (4'3 1/4"(1,3m) max height)



CHAPMAN PEEWEE IV



CHAPMAN/LEONARD
— STUDIO EQUIPMENT INC. —
chapman-leonard.com

FEATURES

- Revolutionary three mode transmission: conventional, crab and round steering.
- Can shift while the dolly is moving or stationary.
- Transmission allows perfect steering geometry when configuring the chassis to its various leg positions.
- Less maintenance.
- Need for air bleeding eliminated.
- Corrosion resistance improvement.
- All exposed working joints are sealed.
- Can be used with rain cover.
- All adjustments can be done externally without removing bolted covers or lids.
- Steering chain adjustments have been eliminated, reducing maintenance time.
- Larger hydraulic capacity that requires less recharging.
- Greater strength the possibility of damage.
- Modular design of steering transmission and shifting linkage facilitates quick and easy replacements.
- Arm provides greater operator clearance with greater rigidity, smoothness, speed & added vertical travel.
- Arm allows for lower camera setup.
- Valve concept allows for easy control and provides a greater speed with added precision.
- Stop valve requires no tools for adjustments.
- Universal head.
- Side board system that provides a complete walk-a-round ability at both the high and low levels.
- Various leg positions - see specification.
- Build in heat control for the Hydraulic system to maintain a minimum hydraulic oil temperature.

CATEGORY - DOLLIES and ACCESSORIES

CHAPMAN PEEWEE IV

POSITION 1

90° Mode (5'1/4" (1,53m) max. height)

POSITION 4

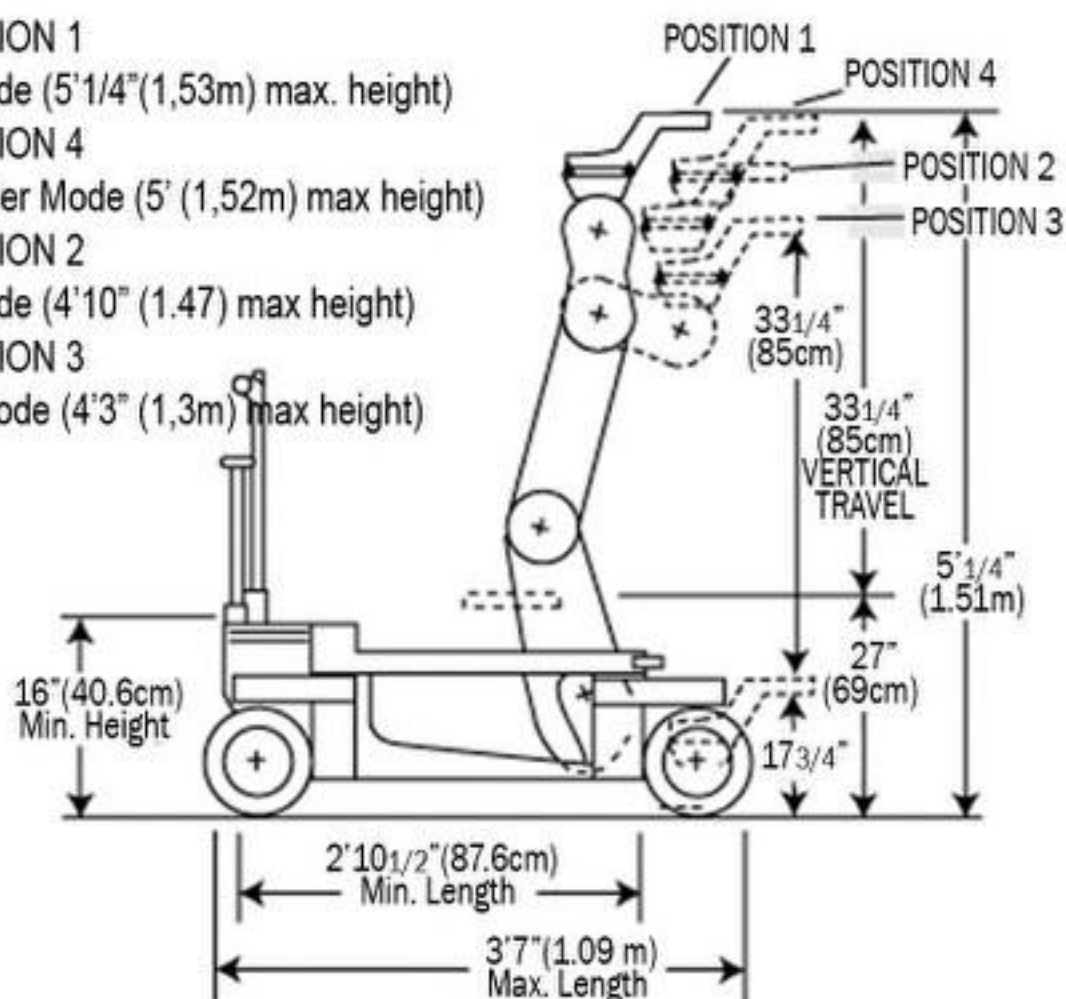
Extender Mode (5' (1,52m) max height)

POSITION 2

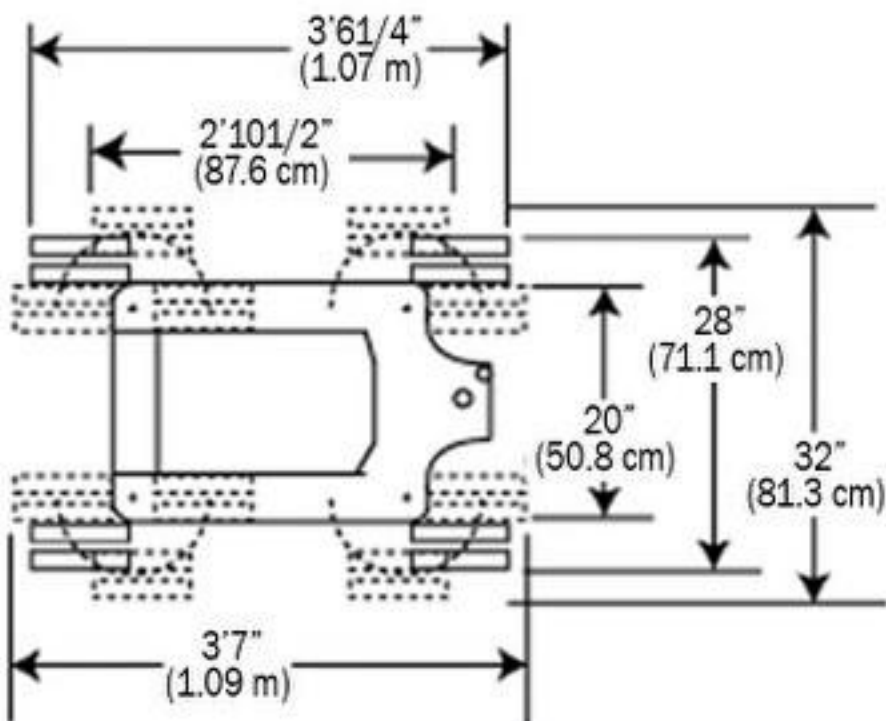
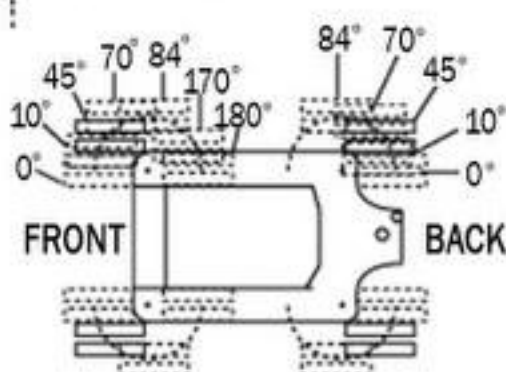
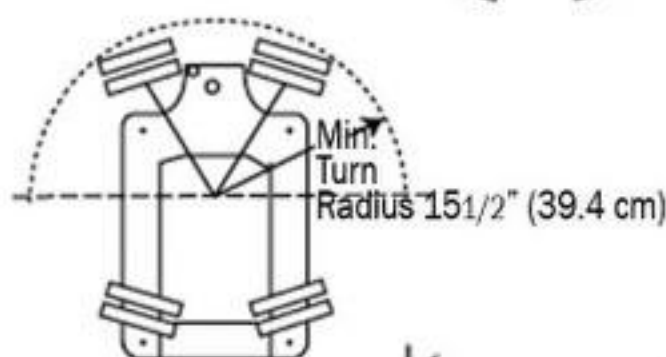
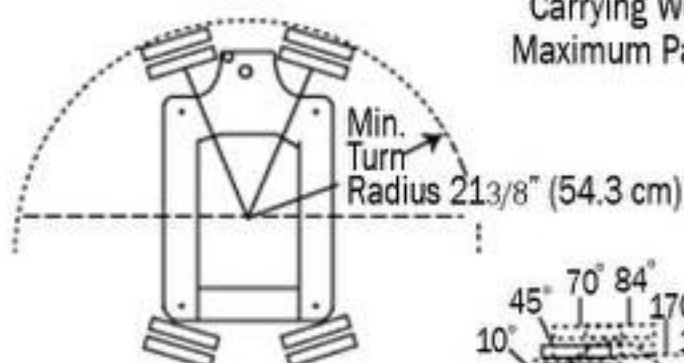
45° Mode (4'10" (1.47) max height)

POSITION 3

Low Mode (4'3" (1,3m) max height)



Carrying Weight = 295 lb (134 kg)
Maximum Payload = 320 lb (145 kg)



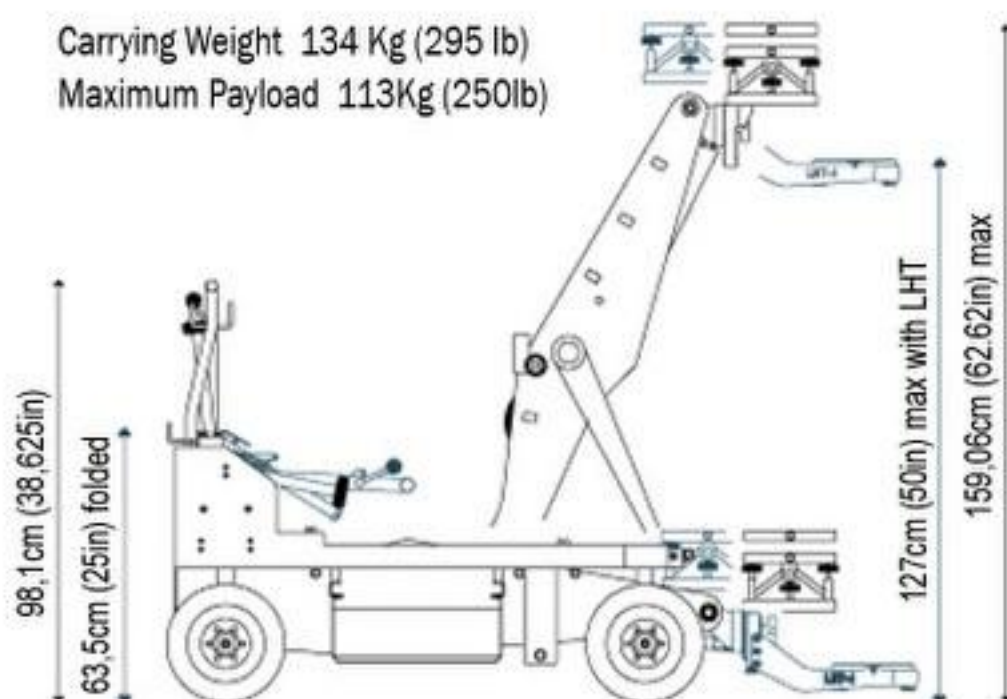
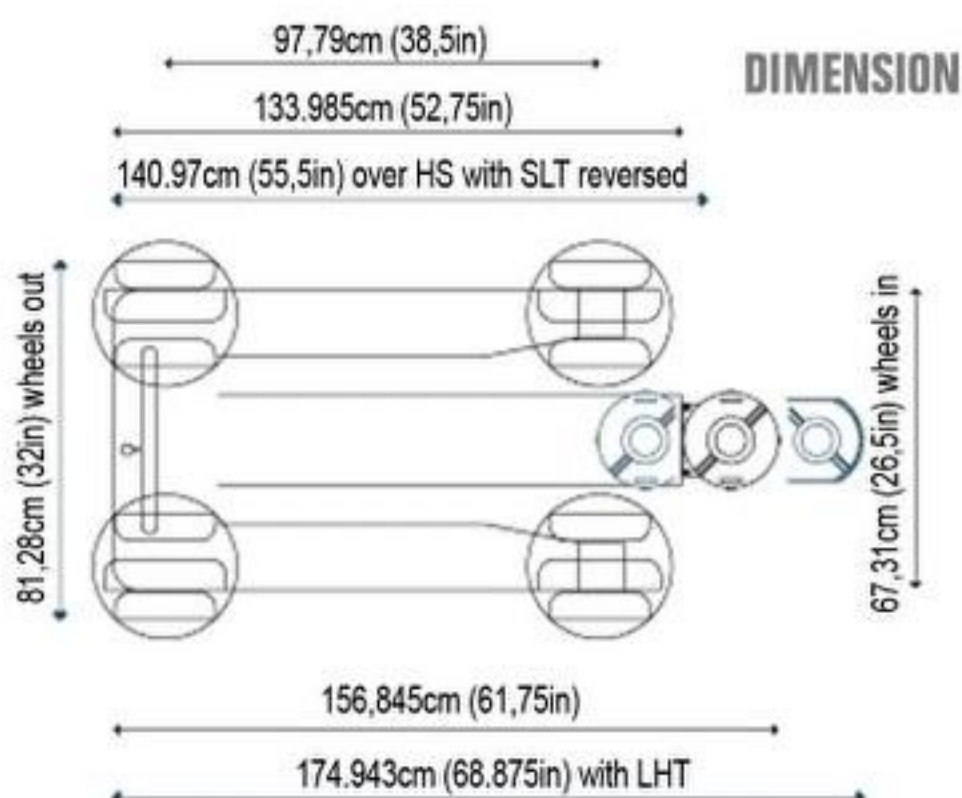
J.L.FISHER 10



FEATURES

- Three easily shifted steering modes (crab, conventional and round)
- Tight turning radius
- Mechanically compensated steering for accuracy--Self-contained track system for use on Square Track
- Self-dampening hydraulic system
- Self-bleeding hydraulic system
- Charging system accepts 90-240v AC or DC to quickly charge the hydraulic system
- Self-centering hydraulic control knob or up/down lever with safety lock
- Manual hydraulic hand pump for use when electrical power is unavailable
- Lift beam position (cue) indicator
- Folding controls for transportation and storage
- Comfortable sliding seats with adjustable height
- Pneumatic Wheels
- Single-lever actuated four-wheel positive locking brake system
- Multi-Position Level Head with Mitchell mount and four leveling thumb screws
- Camera battery compartment
- Cable clips on lift beam for camera and battery cables
- Eight seat mount locations
- Removable Push Posts, also used as rear carry handles and manual pump handle
- Utility hooks on Push Posts
- Carpeted standing areas
- 500-pound (226.80 kg) lift capacity
- Seven lifts per system charge

J.L.FISHER 10



SPECIFICATION

Max. lift beam elevation with Standard Level Head (SLT)	62.62 in (159.06cm)
Min. lift beam elevation with Standard Level Head (SLT)	13.75 in (34.92 cm)
Min. lift beam elevation with Low Level Head (LHT)	3.125in (7.93 cm)
Vertical beam travel	46.87 in (119.06 cm)
Lift capacity	500 lb (226.8 kg)
Length	55.5 in (140.97 cm)
Width	26.5 in (67.31 cm)
Height (operating)	38.62 in (98.11 cm)
Height (folded)	25 in (63.5 cm)
Minimum turn radius (round steering)	22 in (55.88 cm)
Minimum turn radius (conventional steering)	44 in (111.76 cm)
Carrying weight	420 lb (190.51 kg)
Maximum Dolly load capacity	1200 lb (544 kg)
Lifts per system charge	7

J.L.FISHER 11

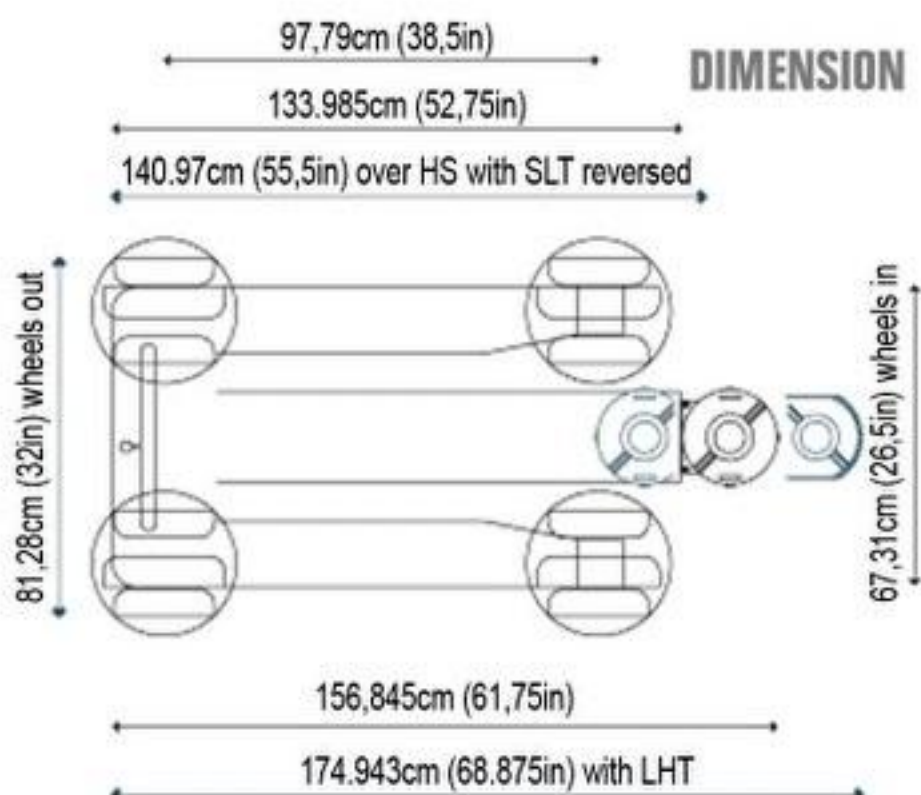


J.L.Fisher

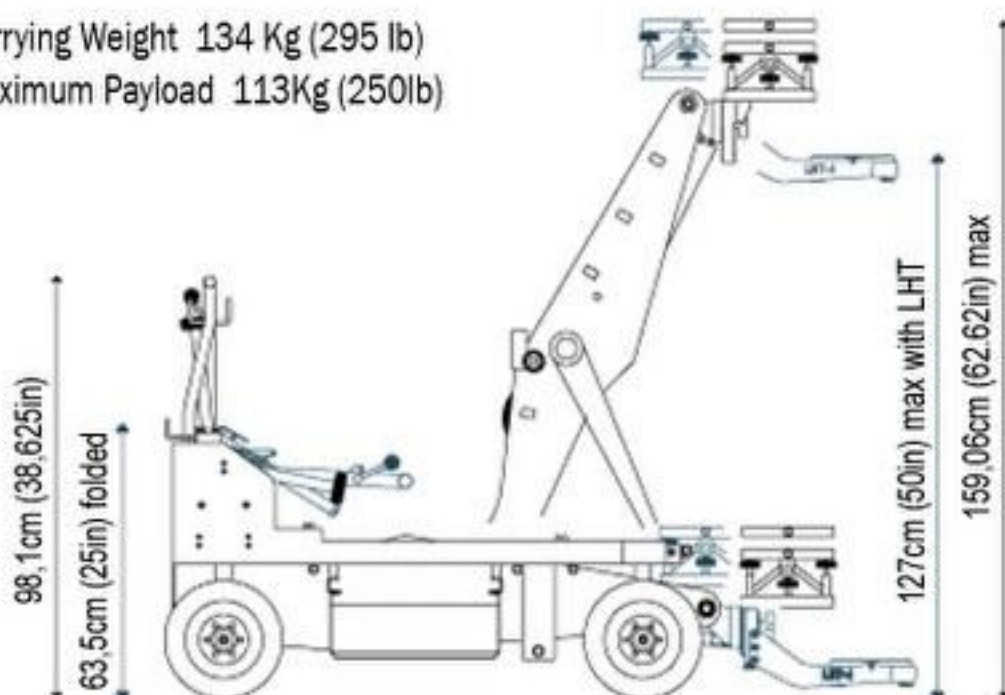
FEATURES

- Lightweight
- Compact size
- Three easily shifted steering modes (crab, conventional and round)
- Tight turning radius
- Mechanically compensated steering for accuracy
- Self-contained track system for both Round and -Square Track
- Self-dampening hydraulic system
- Self-bleeding hydraulic system
- Charging system accepts 90 - 240v AC or DC to quickly charge the hydraulic system
- Self-centering hydraulic control knob or up/down lever with safety lock
- Manual hydraulic hand pump for use when electrical power is unavailable
- Lift beam position (cue) indicator
- Folding controls for transportation and storage
- Comfortable sliding seats with adjustable height
- Pneumatic Wheels
- Single-lever actuated four-wheel positive locking brake system
- Multi-Position Level Head with Mitchell mount and four leveling thumb screws
- Camera battery compartment
- Cable clips on lift beam for camera and battery cables
- Six seat mount locations
- Removable Push Posts, also used as rear carry handles and manual pump handle
- Utility hooks on Push Posts
- Carpeted standing areas
- 200-pound (90.72 kg) lift capacity
- 7 lifts per system charge

J.L.FISHER 11



Carrying Weight 134 Kg (295 lb)
Maximum Payload 113Kg (250lb)



SPECIFICATION

Max. lift beam elevation with Standard Level Head (SLT)	62.62 in (159.06cm)
Min. lift beam elevation with Standard Level Head (SLT)	13.75 in (34.92 cm)
Min. lift beam elevation with Low Level Head (LHT)	3.125in (7.93 cm)
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Minimum turn radius (conventional steering)	44 in (111.76 cm)
Carrying weight	420 lb (190.51 kg)
Maximum Dolly load capacity	1200 lb (544 kg)
Lifts per system charge	

MAGNUM LEGGERO



FEATURES

- Base dolly with integrated turnstile mount
- base plate with Euro adapter
- steering rod standard
- combi-wheels (studio-/ track wheels)
- 48V-motor with microprocessor control with self diagnostics and display, 4 stage ramp selector for Duo Jib or standard use, 4 separate programming channels. Integrated digital display for height, program position, program channel, selected ramp, error display.
- Integrated emergency back-up in column.
- 2 batteries 24V with charge level indicator
- hand control unit with cable, mains on/off switch
- stage speed selector, function indicator
- seat support



CATEGORY - DOLLIES and ACCESSORIES

MAGNUM LEGGERO

BASIC DOLLY



Weight:	62 kg/136 lbs
Transport dimension:	
Length:	64 cm/2'1"
Width:	64cm/2'1"
Height:	37cm/1'2.5"
Max payload capacity:	1000kg/2200lbs
Track width: maximum:	62cm/2'
minimum:	36cm/1'2"

ELECTROMECHANICAL COLUMN

Max payload capacity column extended:	300 kg/600 lbs
Max payload capacity column retracted:	800 kg/1763 lbs
Max height (euro adapter):	148cm/4'10"
Min height (euro adapter):	80cm/2'7"
Lift range:	68cm/2'4"
Fastest time through column lift range:	3.1sec/48V 4.5sec/24V



MAGNUM DOLLY with DUO JIB



Max payload capacity with High Rig mode:	200 kg/440 lbs
with Low Rig mode:	220kg/484 lbs
Standard mode:	250kg/550 lbs
Max platform height (euro adapter):	272cm/8'11"
Max platform height (euro adapter):	26cm/10"
Lift Range:	50cm/4'11"

Weight of Magnum Column:	78kg/171lbs
Transport size: L	64cm/2'1"
(assembled) W	64cm/2'1"
H	80cm/2'7"

Max current consumption	30A
Battery performance when fully charged:	approx 150
Battery voltage:	24V/48V
Battery capacity	8Ah/16Ah
Charge cycle with Mains/harger unit:	1A:8hrs 5A:3hrs
Mains/charger unit with automatic voltage selection and overload protection:	110-220V

MAGNUM COLUMN



MAGNUM DOLLY with SYSTEM LOW RIG

Max payload capacity	130kg/286 lbs
Max height (euro adapter)	78cm/2'6"
Min height (euro adapter)	10cm/4"
Lift range:	68cm/2'4"

MAGNUM DOLLY with FELIX CRANE SYSTEM (mini)

Max payload capacity	60kg/132 lbs
Max platform height	215cm/7'
Lift range:	68cm/2'4"

PANTHER CLASSIC PLUS



THE ELECTRO-MECHANICAL DOLLY

The new Classic Plus camera dolly is the successor of the world-class classic Dolly. The dolly is based on rugged, almost maintenance free and sturdy design. The classic column configuration of the Classic PLUS Dolly provides its user with easy operation and unconstrained versatility already in its basic configuration.

An easy operation of the wireless handset is given by the integrated software. A clear user interface makes it easy to understand the wireless handset. The menu is simple to use and structured clearly.

STANDARD HANDSET



WIRELESS HANDSET



FEATURES

- 75-150mm bowl or mitchell
- 2 cameras for e. g. 3D shots
- 2. seat for e. g. camera assistant
- Integrated flat clamp screw for fluid heads
- Integrated allen key
- Seat adjustable is very comfortable via a button
- Shots near to the ground possible
- Fast and tool free change between High Shot and Low Shot
- 360 degrees rotating bowl or mitchell (locks every 22,5 degrees = 16 tilt positions)

H-WHEELS

With our dolly H-Wheels it is so easy to move the dolly on tracks without lifting.



CATEGORY - DOLLIES
and ACCESSORIES

PANTHER CLASSIC PLUS

STEERING ROD



FOLDABLE PUSHBAR



REAL CRAB + STEER MECHANISM



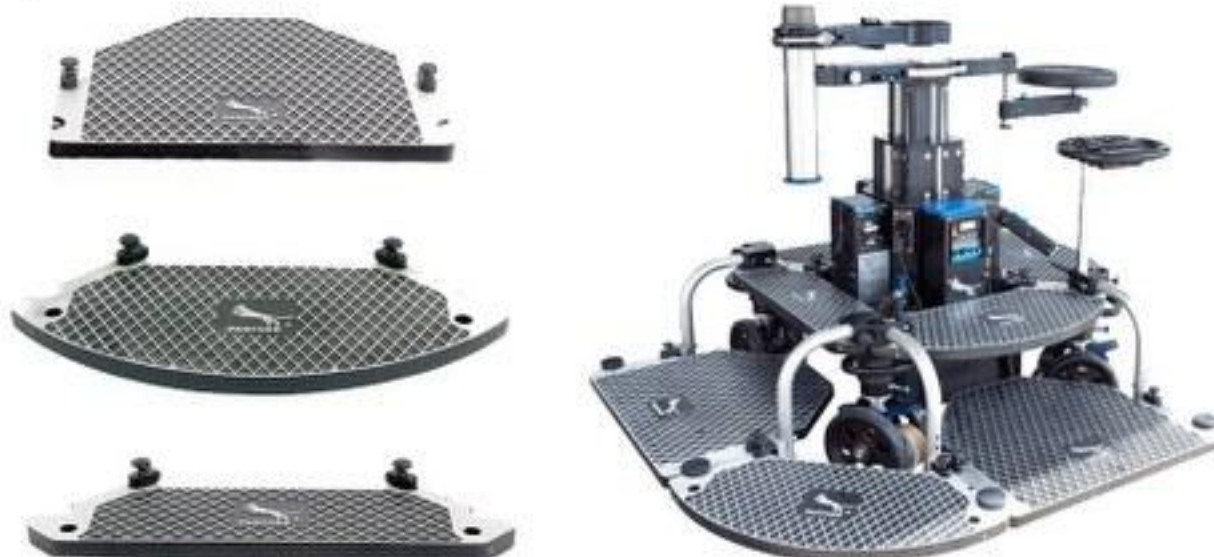
**THE PANTHER DOLLY BATTERY
WITH "SNAP-ON" MECHANISM**

An integrated button with indicator allows you to control always the battery's charging status. The snap-on mechanism has been designed to fix the batteries without any tools.



UNIQUE PLATFORMS

Every side of the dolly you can mount different platforms.
Payload: 120kg!



SUPER FALCON II



FEATURES

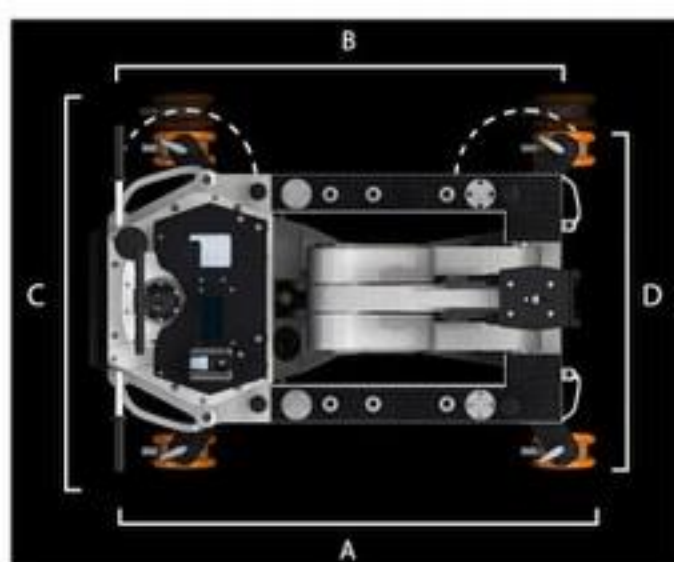
- Power supply: 220 V - 110 V / 50 Hz - 60 Hz
- Usable track gauge: 24,4 in - 62 cm / 17 in - 62 cm
- Lifting capacity: 113 lbs - 60 Kg
- Min. working P: 1305 psi - 90 bar
- Max. working P: 2755 psi - 190 bar
- Maximum arm lifts: 6
- Charge time 60 sec
- Weight 280 lbs - 140 kg



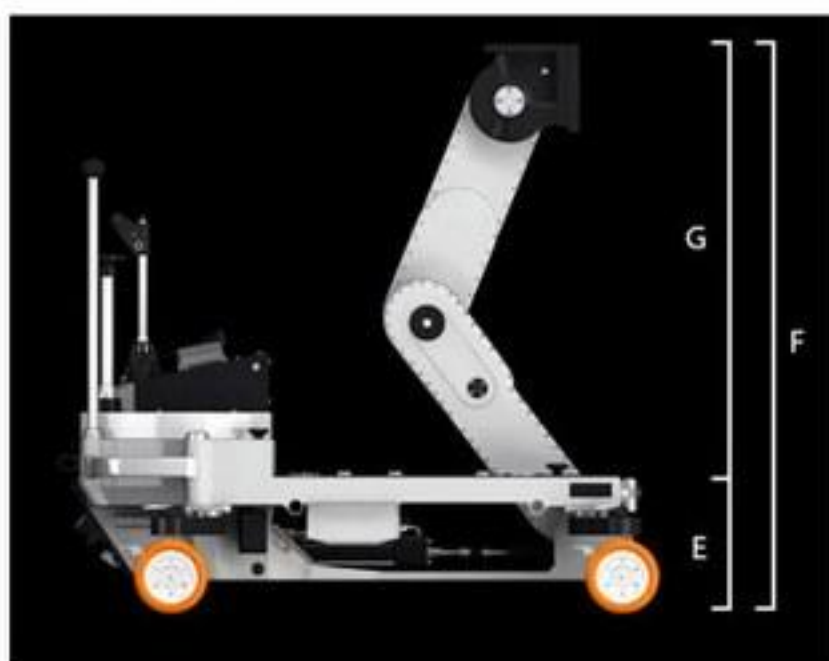
SUPER FALCON II



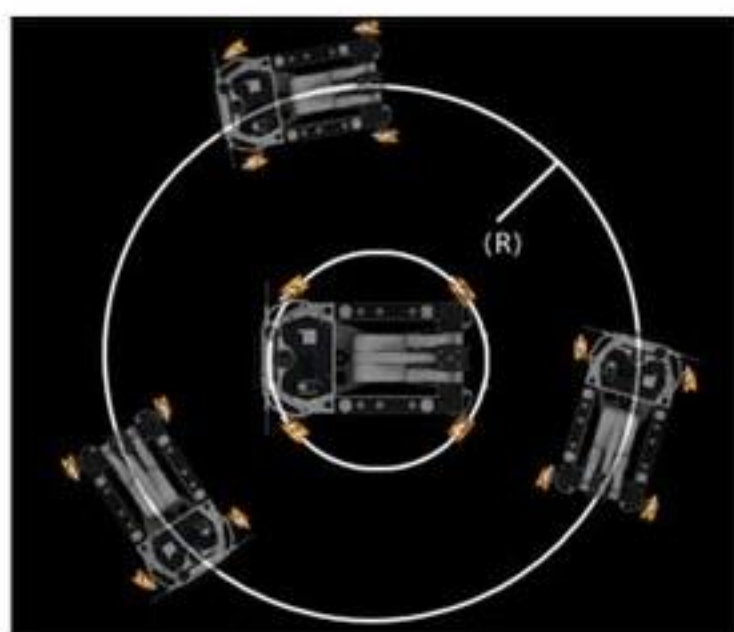
DIMENSION



Min. lenght (A): 38 in - 96 cm
Max.lenght (B): 43,4 in - 110 cm
Min. width (C): 20,4 in - 52 cm
Max. width (D):24,5 in - 62 cm



Min. height (E): 16,5 in 42 cm
Max. height (F): 46 in - 117 cm
Travel (G): 28,3 in - 72 cm



Turn radius (R) 0 - ∞

NINJA DOLLY



FEATURES

- Will handle any size camera. From a Sony FS7 to a fully Rigged Arri Amira
- Comes standard with a 75mm/100mm bowl
- Ninja Feet allow 1 in. to 2 round rails to use for track
- Invert the Dolly for a lower Center of Gravity and Safety
- Will also fit a 75mm head as well.
- Easily Undersling a Camera of any size.
- V-Mount Wheels are self centering.
- Michelle plate
- Mount to Dolly Rails to allow the usage of Combo Stands
- Quick adjust handles allows on the fly height adjustment of the legs



CATEGORY - DOLLIES and ACCESSORIES

DOLLIES



DOOR WAY DOLLY
Weight 105 lbs (47.6kg)



WESTERN DOLLY
Weight 225 lbs (102.1kg)



LIGHT PANTHER DOLLY
Weight: 27 kg / 60 lbs
Payload 250 kg / 550 lbs



SKATEBOARD WHEELS
Minimum track radius: 10 feet



CATEGORY - DOLLIES and ACCESSORIES

DOLLIES

RICKSHAW DOLLY

Max load: 150 kg/330 lbs
26" ballon tires for a soft ride
Fits through a 28inch door way.



SKATER MINI DOLLY P+S TECHNIK

Professional Cine Equipment Manufacture

Weight (in gram) 9550
Dimension Length: 498
Width: 435
Height: 115



- Allows for tilt angles from $\pm 20^\circ$ or $\pm 30^\circ$ with optional rocker
- Laserpointer
- Small laminated table providing wheel angles for more than 20 rotation centers in front of the camera.



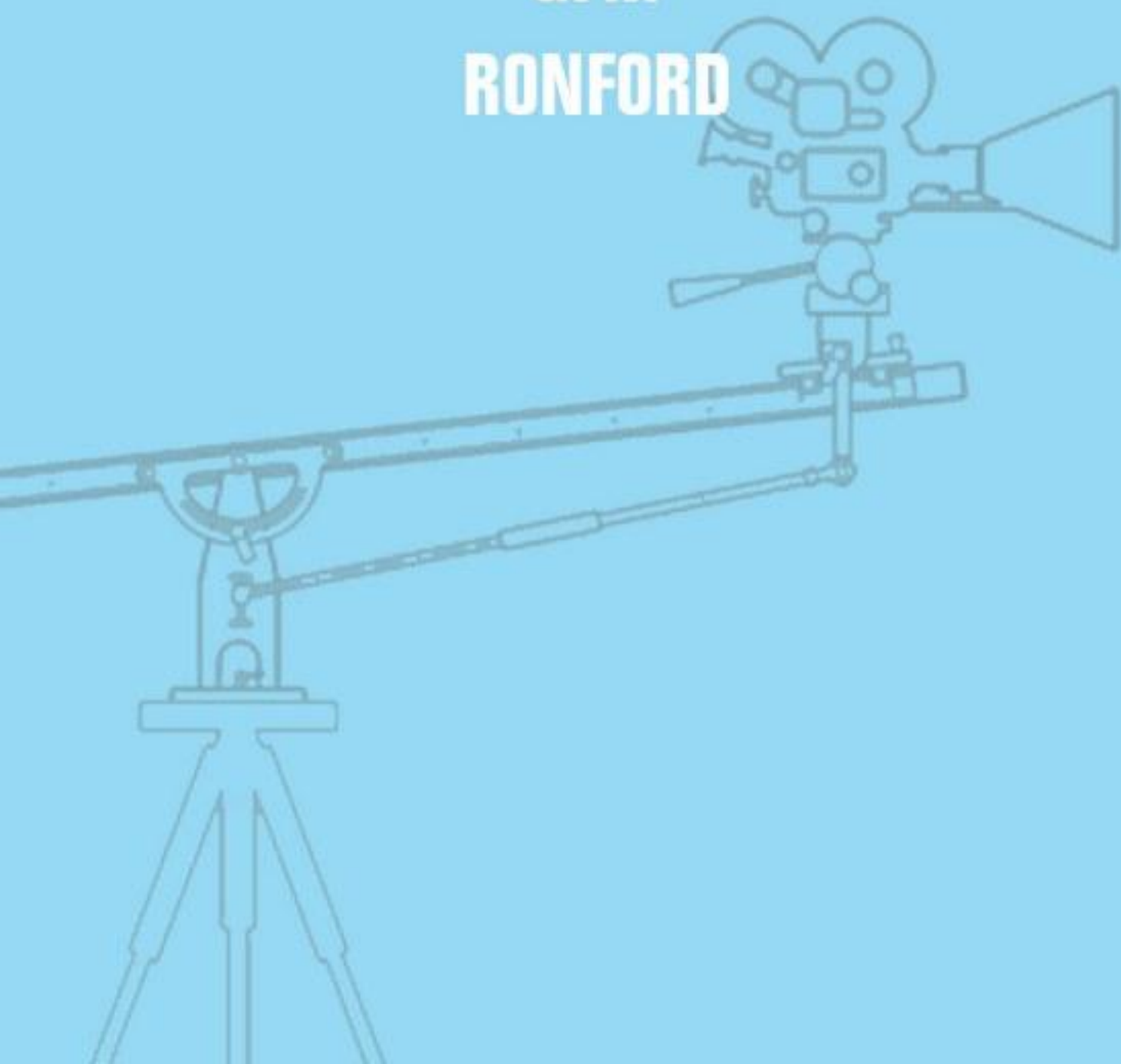
7 SLIDERS

MOVIETECH

PANTHER

GFM

RONFORD





CATEGORY - SLIDERS

GFM SLIDER



3 AVAILABLE SIZE



3 meter, 1,2 meter, 1 meter

FEATURES

- Quiet and stable, high precision rails
- Low profile (can be operated on the ground)
- Interchangeable rails
- Rails drilled with 3/8" holes 1" apart allowing easy accessory attachment
- Tracking carriage for Mitchell, bowl or Euro-adapter mounts
- Euro-Adapter or Mitchell base mount
- Adjustable side plates for repositioning on rails
- Additional height adjusters for height extension of the camera mount
- End mount adapters (scaffold, lighting stand, levelling legs)
- Bangi Mode (for off-set panning and table top or tight tracking shots)



PANTHER MULTI GLIDER



The Multi Glider is a camera-slider with an integrated and counter sliding weight. You can slide the camera horizontally, diagonally or vertically, once the camera weight (**up to 35kg**) is balanced. This ensures smooth and perfect camera control. Stainless Steel wheels guarantees silence and low rolling resistance. An integrated brake system keeps the camera in a given position. The Multi Gliders length of 200cm (6,5 ft.) covers most camera shots.



LOW SHOT

It is used as a Dolly when placed on floor or on table.



JIB ARM

The Multi Glider even serves as a JibArm when mounted with balance rod. Cameras level can be adjusted with the balance rod in parallel, or automatic-tilt mode.



CATEGORY - SLIDERS

U-BANGI



MOVIETECH U-BANGI



DIMENSION

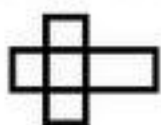
Max.: 1150 mm (45.27 inch)



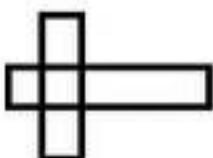
PANTHER U-BANGI SLIDER XY



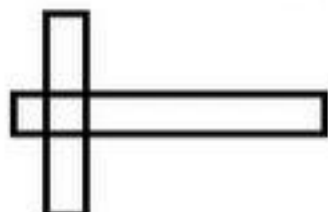
U-Bangi Tracks



48cm | 1,6' and 64cm | 2,1'



64cm | 2,1' and 88cm | 2,9'



88cm | 2,9' and 136cm | 4,5'

Combine 2 sliders to make movements into the X-axis and the Y-axis!



CATEGORY - SLIDERS

RONFORD BAKER SLIDER



Ronford-Baker
CAMERA SUPPORT TECHNOLOGY



AVAILABLE SIZES

2'	(0,61m)
3'	(0,91m)
3,5'	(1,07m)
4'	(1,22m)
5'	(1,52m)
6'	(1,83m)

FEATURES

- Ultra high precision, ground stainless steel runners and rollers.
- 360 degree lockable rotation
- 'Soft stop' adjustable buffers or adjustable magnetic stops
- Mitchell to Mitchell fitting & 150mm/m Bowl available for top
- Linear damper available



Adjustable Magnetic Stops



4.05m/13.3ft

2.80m/9.2ft

1.25m/4.1ft

8

JIB ARMS

GFM GF JIB ARM

GFM MINI JIB ARM

LIGHT PANTHER MINI JIB ARM

PANTHER VARIO JIB ARM

PANTHER JIB ARM

TWO PERSONS

MAGNUM MINI JIB ARM

MAGNUM DUOJIB ARM

TWO PERSONS

1.52m/5.0ft



GF JIB ARM



SPECIFICATION

Reach retracted:	139cm/4'6"
Reach extended:	188cm/6'1"
Rear retracted:	42cm/1'4"
Rear extended:	94cm/3'1"
Lift range retracted:	186cm/6'1"
Lift range extended:	256cm/8'4"
Max payload retracted:	60kg/132lbs
Max payload extended:	40kg/88lbs
Jib mount required:	Euro-adapter/Mitchell
Camera head mount:	Euro-adapter/Mitchell
Weight of Jib:	42kg/92lbs
Max counterweight:	120kg/264 lbs (10x12kg)
Tilt angle:	43 degree's



FEATURES

- Extremely stable and reliable
- Manual telescopic front
- Telescopic counterweight end (hand crank)
- Precise pan and tilt drag
- Multiple camera mounting options
- Fits on dedicated transport trolley

GF-MINI JIB



SPECIFICATION

Reach:	82cm/2'10"
Rear retracted:	31cm/1'
Rear extended:	100cm/3'3"
Lift range:	100cm/3'3"
Max payload:	30kg/66lbs
Jib mount required:	Euro-adapter/Mitchell
Camera head mount:	Euro-adapter/Mitchell
Weight of Jib:	17kg/37lbs
Max counterweight:	48kg/105 lbs (4x12kg)
Tilt angle:	53 degree's

FEATURES

- Stable and compact jib arm
- Telescopic counterweight end
- Precise pan and tilt drag
- Multiple camera mounting positions
- Fits in custom designed flight case

LIGHT PANTHER MINI JIB



UNIVERSAL

The Panther Lightweight Jib is a very universal jib arm that can be mounted on all Panther Dollies.

In connection with the Super Panther, Panther Evolution or Classic and Classic Plus it is possible to stand on a running board platform and move with the column.

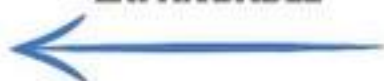
In this case the camera operator has to compensate the lift differences which the Lightweight Jib causes (more than the column) by bending his knees.

For this, you will need as accessories the Lightweight Jib A-Round Kit (alternatively: cable) and, if required, the a Holding Bracket with seat-extension and running board platform.

PANTHER VARIO JIB



EXPANDABLE



This adjustment is done very fast and without any tools.



Length

(retracted without extension)

1 m | 3,28 ft.

max. Length

(extended without extension)

1,6 m | 5,25 ft.

max. Length

(extended with 50 cm extension)

2,1 m | 6,89 ft.

max. Length

(extended with 1 m extension)

2,6 m | 8,5 ft.

Weight (without extension)

22 kg

Payload

80 kg



Pan and tilt brake with integrated friction.



Tool-free adjustment.

PANTHER SUPER JIB II



PERFECT FOR
2
PERSONS

max. payload
(center of platform) 200 kg / 440 lbs

max. platform height
(with High-Low Rig) 243 cm / 8'

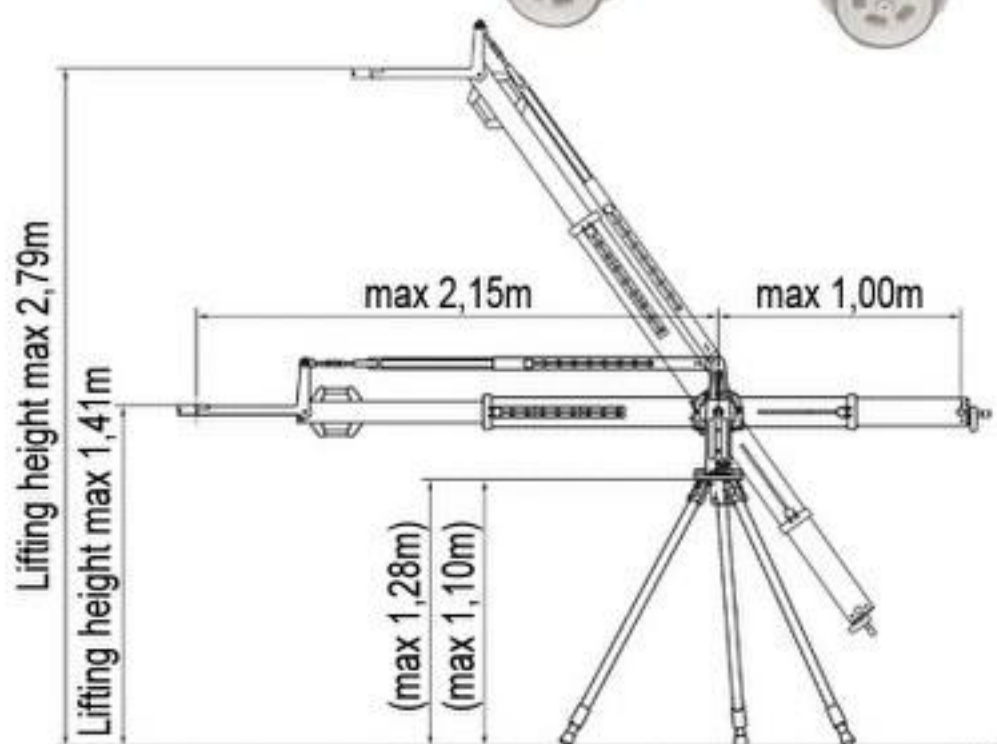
min. platform height
(with High-Low Rig) 9 cm / 4"

Dolly compatibility: Super Panther, Panther Classic, Panther Evolution, Panther Evo Plus, Panther Classic Plus

UP TO
3,6 M / 11'8"

As an option you can equip the Super Jib II with a High-Low Rig (109765) for either shots close to the ground or high shots. Thereby a max. platform height of 243 cm / 8' is given. So depending on configuration you have a max. lens height of approx. 360cm / 11'8".

MAGNUM MINI JIB



DIMENSION

Weight	41kg (255,73 lb)
Dimenson when packed	212x38x27cm 69,69x1457x11,42 in
Max payload (drive out completely)	30kg (66,14 lb)
Max payload (completely retracted)	40kg (88,18 lb)
Counterweight	approx. 72kg (158,73 lb)



MAGNUM DUO JIB



Max. payload high rig mode	200 kg	440 lbs
Max. payload low rig mode	200 kg	484 lbs
Standard mode	250 kg	550 lbs
Max. platform height (euro adapter)	272 cm	8' 11"
Min. platform height (euro adapter)	26 cm	10"
Lift	150 cm	4' 11"



The platform offers space on the turnstile to fit two seat arms with round seats and a Euromount for the mounting of bazookas.

SETUP VERSIONS OF THE PLATFORM:



MAGNUM DUO JIB



Max. payload high rig mode	200 kg	440 lbs
Max. payload low rig mode	200 kg	484 lbs
Standard mode	250 kg	550 lbs
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SETUP VERSIONS OF THE PLATFORM:



9

RISERS & HEADS

GFM[®] RISER BAZOOKA
MINI, MAXI BASE, ADJUSTABLE
RONFORD BILLET BAZOOKA SET

O'CONNOR HEAD
4 AND 3 LEVELING SYSTEM

GRAVITY ONE HEAD

TRI-HAT

ROTATING OFFSET





GFM RISER MINI&MAXI CRANKED



The Mini Cranked Risers operate via a spindle driven hand crank. They allow a comfortable and fast height adjustment without having to remove the camera.

10 - 14 cm / 4" - 6,5"

14 - 22 cm / 6,5" - 9"

29 - 49 cm / 11" - 19"

MAXI CRANKED RISER

The Maxi Cranked Riser enables a fast and ultra-easy camera position correction via hand crank. When in position a 360 degree locking clamp ensures for a solid lock-off.

58 - 91 cm
23" - 36"





GFM RISER FIXED/ADJUSTABLE



FIXED RISER



The fixed Risers come in 5 different sizes and are extremely stable, solid and reliable. In addition to the 360 degree locking mount clamp the Fixed Riser design has a secondary, internal locking bolt system for extra safety when rigging or underslung.

10 cm/ 4" 20 cm/ 8" 30 cm/ 12"
40 cm/ 16" 50 cm/ 20"

ADJUSTABLE RISER

The extremely popular GFM adjustable 2 stage risers come in 2 sizes and are known for their stability and solid design. They enable instant adjustment of the camera position with ease and comfort. The 360 degree clamp on each tube ensures a tight and rigid lock off.

50 - 115 cm / 20" - 45"
35 - 68 cm / 13" - 26"



9 CATEGORY - RISERS & HEADS

RONFORD BILLET BAZOOKA SET



BASE

Modular Design - All the legs and ends are interchangeable

Use up to three, 200 mm long sections on each leg or just use the ends. There's even a 100 mm section and hinge joint, the combinations are endless

Any of the levelling jacks can easily be replaced by scaffold tubes - securely held

by the built-in clamps. Uses no tools to change its configuration. Castor wheels and skate bogies are also available



THE RISER ELEMENTS

A set of 5 elements of 100, 150, 200, 400 and 800 mm in length give the widest range of size combinations for the minimum number of pieces.

4 WAY COMBI LEVELLER

There are 3 available bases, Euro, Mitchell and Bazooka style.

DOLLY SYSTEMS

By incorporating the 'T' Section with your Bazooka System you can convert the base into a dolly.





CATEGORY - RISERS & HEADS

OTHERS

ROTATING OFFSET

Rotating Offsets (RO, ROP, ROL, ROX, ROB) enable camera operators to easily change camera position with the lockable rotating mechanism. All models feature a 360 - degree range with 84 lock positions (every 4.28 degrees) and a leveling indicator. It have a standard Mitchell mount.



J.L.Fisher

TRI-HAT WITH MITCHELL BASE

Makes stable mount for camera on car, floor, steps, or rocky ground. Comes with 6" & 12" legs with rubber feet.



O'CONNOR HEAD WITH MITCHELL 3 & 4 WAY



MITCHELL LEVELLER

GRAVITY ONE HEAD

Passive stabilized lightweight external two axis gimbal rig.

Weight 2295g

Tilt +/- 60°

Roll 30° CCW, 60° CW

Max load 18kg / 40lbs



10

CAMERA CARS

RUSSIAN ARM MINI

GRANDTRACK

CAMERA CAR FORD F350

COOPER MINI CAMERA CAR

PROCESS TRAILER

POLARIS QUAD BIKE 6X6 AND 4X4

HONDA 6,5KVA SILENT GENERATOR



RUSSIAN ARM MINI

filmotechnic
CAMERA CAR SYSTEMS

The **Russian Arm Mini** (Autorobot Mini) and **Flight Head Mini 3** is the latest generation of our gyrostabilized robotic camera crane systems. It is a remotely operated gyrostabilized minicrane that was designed small camera cars, electric carts, process trailers or other small tracking vehicles to be able perform on narrow roads, small sized sets, tunnels, parking garages and bridges.

Russian Arm Mini is a lightweight and compact but powerful, high speed platform that is ideal in the most challenging filming conditions. It is capable of 360° pan, tilting up and down allowing a wide range of impressively stable, smooth and very dynamic shots. The Russian Arm Mini control system is operated via joysticks and consoles from within a camera car.

SPECIFICATIONS:

Arm length:	3.6m;
Lens height:	3,3m;
Tilt: 45°, Pan: 360°, + – 3 rotations;	
Pan speed:	max 6.5 sec;
Tilt speed:	max 1.5 sec / 45°;
Payload:	24kg;
Weight with camera max	180kg;
Max. speed up to	160km/h



GRANDTRACK

Grandtrack is a self-propelled trailer. You can control it from the crew compartment which you can lay to every part of the device – even on the rearmost point of the trailer, on 2 metres high, so the cabin can't be in the frame.

It's one of the Grandtrack's big advance, because there aren't any vehicle in front of it to tow, so the camera can shoot straight ahead through/over/next to the car, clearly.



DETAILS:

Max rate of charging:	3,5t
Full lenght:	7,8 m (the plato's lenght: 6m)
Width:	2,5m – it can be widened
The clear height can be stepless adjustable, thanks to the 6 pieces of air bellows.	
Prime mover:	V8 Cadillac engine with 400 HP / clutchless
Max speed:	140km/h (with right road conditions)



STAFF:

- 1 Percisious Driver
- 1 Grandtrack Technician
- 1 Auto Grip

FORD F350 4x4/LONG



FORD F-350 4X4

We have custom built our own camera car specially made for the European filming needs. Our Ford 4X4 is a massive, 4 wheel drive off road vehicle with a differential lock. Under the hood is Ford's latest in automotive development featuring 400HP V8 6.7 liter turbo diesel engine.

SPECIFICATIONS (4X4)

Self-weight:	2950kg
Height:	2.3m
Length:	6.5m
Roof platform:	1.5x1.5m
Base platform:	2.35x2.3m
Back platform:	2.35x0.8m
Front platform:	1.5x10.9m



FORD F-350 LONG

This truck was specially built to be the ideal Camera Truck based on the Ford F350, designed according to the European standards. Our Camera

Truck features a rigid frame construction that levels automatically as well as manually, controlled by a special air ride system and suspension.

The engine is a 6.4 litre V8 turbo diesel with 340 HP and extremely high torque. Our Camera Truck has multiple built in rigging points which provide variable camera positions combined with a very short setup time along with fixed and slider solutions. The construction of the Camera Truck allows a Supertechno 30 to be fitted onto the back platform for big budget shots in movement. 48 mm couplers (fixed and swivel), aluminium tubes, four-way levelling plates, cheese plates are also available in the basic setup. We are provide 2 way communication system with the basic package.

SPECIFICATIONS (LONG)

Self-weight:	2800 kg
Width:	2.3 m
Length:	7 m
Main Platform:	2.35 x 2.3 m
Roof Platform:	1.8 x 1.5 m
Rear Platform:	2.35 x 0.8 m
Front Platform:	1.5 x 0.9 m

CATEGORY - CAMERA
CARS

MINI COOPER



ON THE GROUND

The Mini Cooper S type is converted to a fast city camera car with a 210HP engine and a tighter landing gear. We suggest to use it with a stabilized head but it can handle the hard mount as well.



PROCESS TRAILERS

SGH's trailers are based on the several years of professional experience. Every wheel has its unique independent suspension combined with the air suspension, allowing aperiodic smooth movement at adjustable heights and stiffness. According to European regulation, the width of the trailer is must not exceed 2.55m but can be extended 60-60cm with special permission.

The basic package also includes the 48mm aluminum tube system and clamps.

SPECIFICATIONS:

Lenght:	8.5 m
Width:	2.55 m
Platform's Lenght:	7 m
Platform's Width:	2.1 m
Hight:	adjustable



MOTORBIKE TRAILER

Our Motorbike Trailer is manufactured for scooters and big bikes. The independent air suspension is allows for an extra smooth ride, while the height is continuously adjustable.

SPECIFICATIONS:	Lenght:	2.5m
	Width:	1.8m
	Main Platform:	2m x 1.2m
	Height:	adjustable



POLARIS QUADS



4x4
OR
6x6

SPECIFICATIONS:

Weight: 350 kg
Width: 1.3 m
Length: 2.8 m
Rear Platform: 1.3 m x 1.1m
Front Platform: 0.5 m x 1.1m



SGH customized the Polaris 4x4 and 6x6 quads specifically for movie making needs resulting in a platform where we can rig in multiple camera positions.

The package includes the 48 mm aluminum tube system with clamps and various plates according to your specific needs.



SILENT GENERATOR

HONDA

SPECIFICATIONS:

- 7000 watts, 120/240V
- Super quiet
- Fuel efficient - runs up to 18 hours on 5.1 gal of fuel
- Convenient electric start
- Inverter - stable power for computers and more
- Fuel injected - better fuel efficiency and lower maintenance



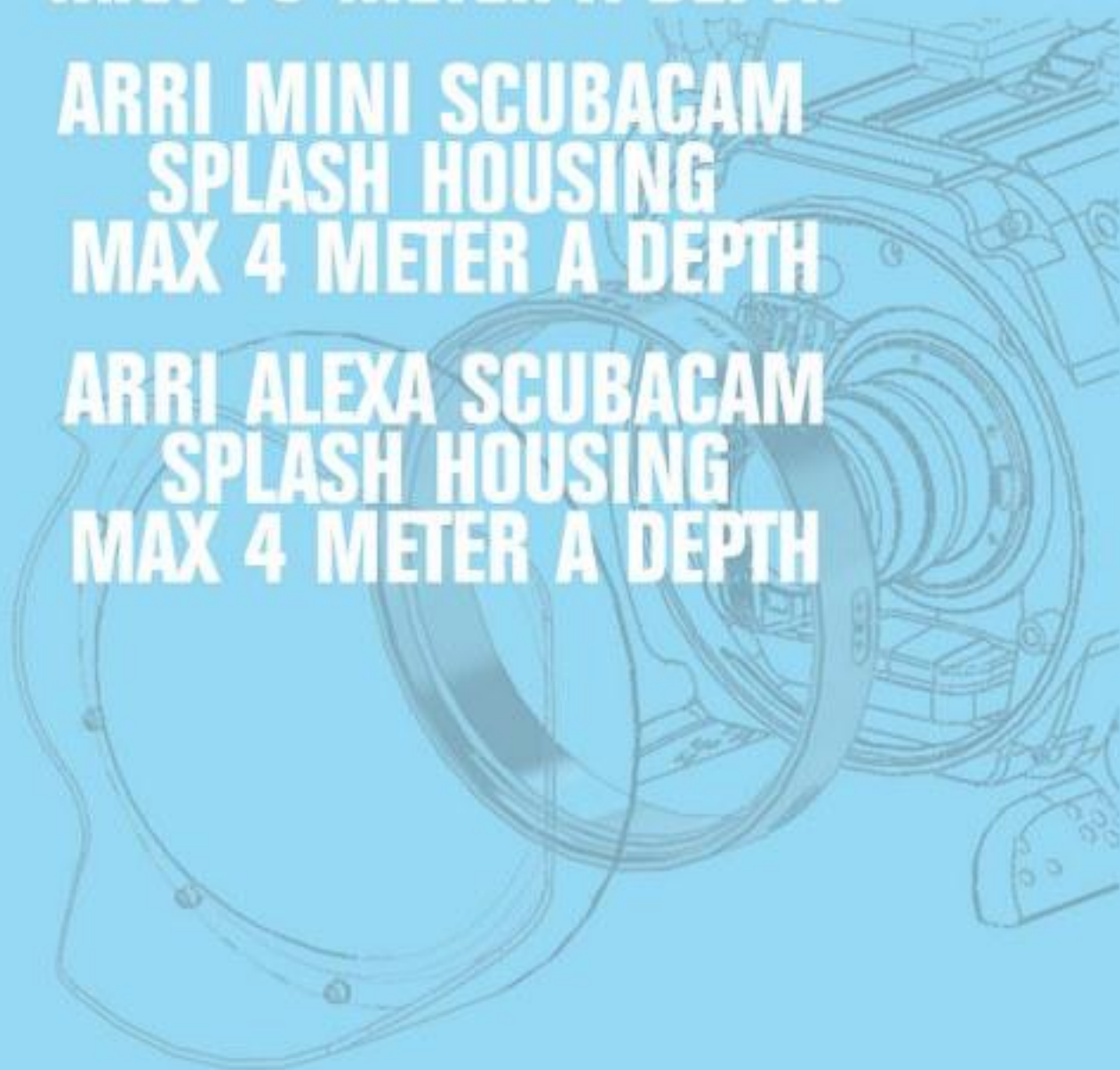
11

UNDERWATER HOUSING

**ARRI MINI
UNDERWATER HOUSING
MAX 70 METER A DEPTH**

**ARRI MINI SCUBACAM
SPLASH HOUSING
MAX 4 METER A DEPTH**

**ARRI ALEXA SCUBACAM
SPLASH HOUSING
MAX 4 METER A DEPTH**





CATEGORY - UNDERWATER
HOUSING

GATES MINI for ARRI ALEXA MINI



Specifically designed for the ARRI ALEXA Mini camera, the Gates MINI is a deeply integrated marine imaging system, blurring the lines between housing and camera. Twelve user-assignable controls interface directly with the ARRI Mini allowing access to frequently used functions like white balance, peaking, display overlay, and frame rate. Gates familiar mechanical Focus / Iris / Zoom controls provide precision handling of hundreds of PL, Canon and Nikon lenses with the same Lens Gear Drive system as MINI's relatives in the Gates cinema-grade family.



SPECIFICATIONS:

- Depth Rating: 250 feet / 76 meters
- Controls:
 - Power On/Off
 - Record / Standby x2 (Remote & Manual)
 - Assignable x 12. List of Assignable Functions
 - Direct lens coupled (manual) Focus
 - Direct lens coupled (manual) Iris
 - Direct lens coupled (manual) Zoom
- Batteries:
 - V-Lock type

CATEGORY - UNDERWATER
HOUSING

SCUBACAM SPLASH HOUSING

ARRI ALEXA



SPECIFICATIONS:

- Housing: Black polyurethane coated onto a high tenacity polyamide webbing, and heat sealed to clear viewing windows.
- Dimensions: Length: 70cm. Height: 35cm. Width: 43cm.
- Weight: 8.5 kgs
- Front Port: 6mm. Optical flat, coated with a non-stick polymer.
- Leak Alarm: 9 volt tone generator max. output 95db
- Dump Alarm: Apex low profile automatic
- Max Depth: NO MORE THAN 4 METRES
- Lens: Maximum wide angle is 14mm. External follow focus fitted as standard.
- Start/Stop: Accessible through optional fingerstall in side of housing. Optional remote control also available.

CATEGORY - UNDERWATER
HOUSING

SCUBACAM SPLASH HOUSING



SPECIFICATIONS:

- Housing: Black polyurethane coated onto a high tenacity polyamide webbing, and heat sealed to clear viewing windows.
- Dimensions: Length: 50cm. Height: 30cm. Width: 25cm.
- Weight: 3.5 kgs
- Front Port: 6mm. Optical flat, coated with a non-stick polymer.
- Leak Alarm: 9 volt tone generator max. output 95db
- Dump Alarm: Apex low profile automatic
- Max Depth: NO MORE THAN 4 METRES
- Lens: Maximum wide angle is 12mm.
- Start/Stop: Accessible through optional fingerstall in side of housing. Optional pistol grip on/off also available.

12

MOUNTS

UNIVERSAL CENTER MOUNT
VACUUM CAMERA RIGG SYSTEM
VACUUM GRIP RIGG SYSTEM

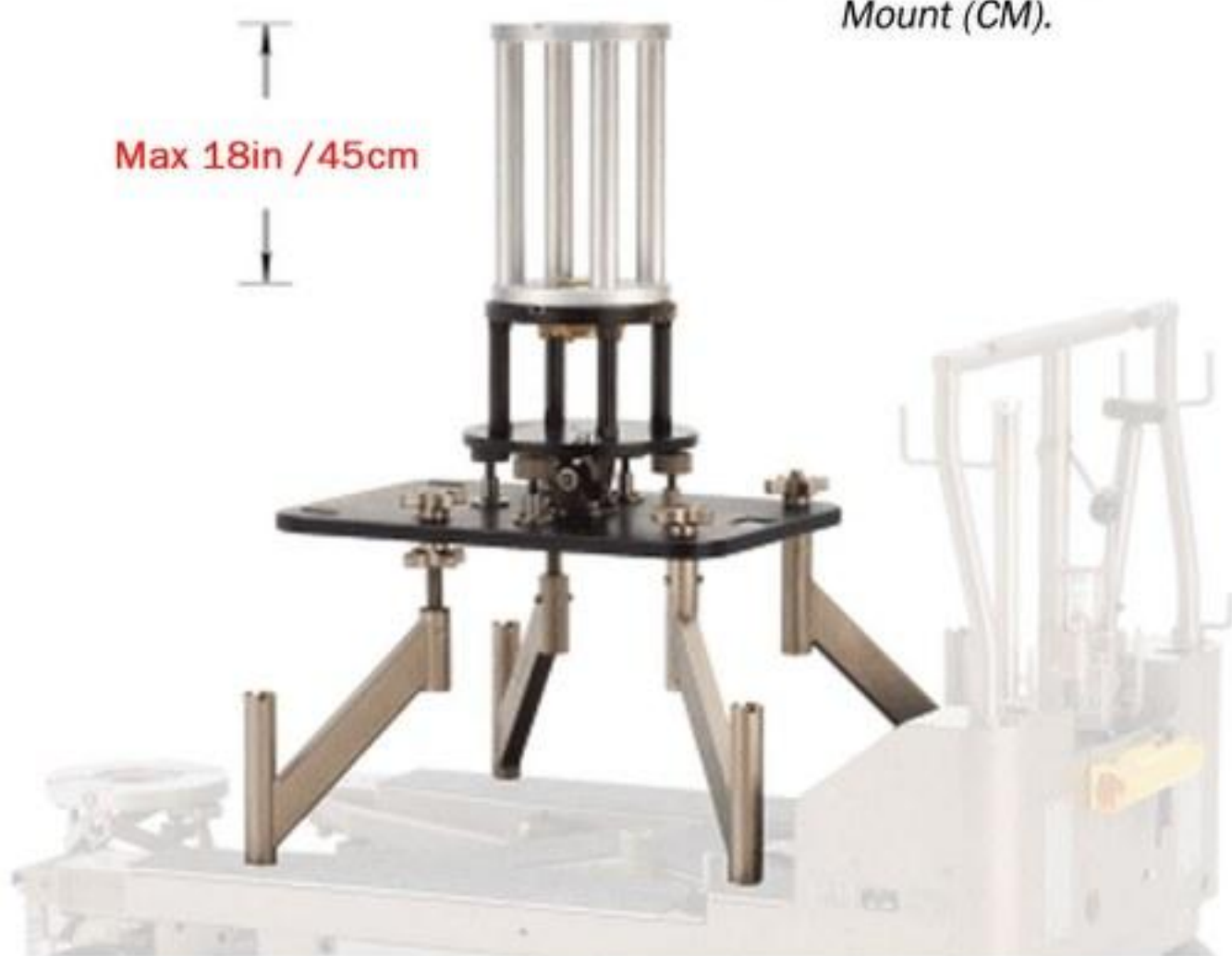


UNIVERSAL CENTER MOUNT

J.L.Fisher

Do not use Risers greater than 18 in on the Center Mount (CM).

Max 18in / 45cm



USING THE CENTER MOUNT

The Center Mount (CM) mounts easily on the Model 9, 10 and 11 Dollies. It has a four-way leveling adjustment with a leveling indicator. The Center mount has a standard Mitchell mount and comes with a Heavy Duty 12-inch Riser (Rj12) for use with the our Model 20, 21 and 22 Jib Arms. The Center Mount for the Model 23 Sectional Jib Arm (CM3), for use on the Model 9 and 10 Dollies only, comes with an 18 inch Heavy Duty Riser (Rj18).

The maximum gross load capacity of the Center Mount when used on the Model 9 and 10 Dollies is 1200 pounds(544 kg). Due to the Model 11 Dolly's maximum load capacity of 900 pounds (408 kg) the Center Mount's maximum load capacity, when used on a Model 11 Dolly is 900 Pounds (408 kg).

VAACUM CAMERA RIGG SYSTEM

BLACK-TEK



AIRRIG-CAMERAKIT

AirRig-CameraKit - Suction-Tripod with Tiltplate includes:

- 1 x AirRig 4 - 4 point vacuum plate with integrated Tiltplate
- 1 x AirRig 3 - 3 point vacuum plate
- 1 x VariClamp
- 9 x Vacuum stamps
- 2 x Distance- and angle adaptor
- 1 x AirRigPump - Fully automatic vacuum pump

Tools and Screws

Airhoses in different lengths



With the CameraKit you are really fast!

It takes only 5 minutes to be ready for the camera. The system fits perfectly onto the hood of a car. With its built in angle plate it can be used as a classic door mount as well.

VAACUM CAMERA RIGG SYSTEM

BLACK-TEK

AIRRIG-GRIPKIT

- 2 x AirRig 3 - 3 point vacuum plate
- 1 x AirRig 2 - 2 point vacuum plate
- 3 x VariClamp
- 1 x LightMount
- 1 x TwistClamp
- 1 x CarHook
- 1 x FixClamp
- 1 x Bowl-100-Kit
- 1 x CamPlate M
- 1 x AirRigPump - Fully automatic vacuum pump
- 2 x Distance- and angle adaptor
- 11 x Vacuum stamps in different shapes
- 1 x PipeKit
- 1 x PipeKit XL
- 1 x Set KeeLite Clamps
- Tools and Screws
- Airhoses in different lengths



The GripKit is the most versatile System for rigging a camera on any flat surface especially cars. With its design you can easily change between different shapes of suction cups depending on the available surface.





Ronford-Baker

CAMERA SUPPORT TECHNOLOGY

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