

CRANES AND ARMS
(Class One)

MOLE (M.P.R.C.) CRANE
(Motion Picture Research Council)

Motorised, in-vision trackable base.
In-vision swinging and craning by counterbalanced arm.
Heights may be increased by elevating central column.

Heights to head mounting face, arm forward,
Column Up: Max: 264cm (8'8"), Min: 95cm (3'1")
Column Down: Max: 193cm (6'4"), Min: 57cm (1'10")

Column range: 70cm (2'3")
[A 25cm (10") column elevation ensures the weight bucket will clear the Swinger's platform.]

Reach to Camera pivot, Forward: 164cm (5'4")
Sideways: 191cm (6'3")

Chassis dimensions, (including seat): 338cm x 108cm (11'2" x 3'8")

Overall Length: 545cm (18'1")

Min. Overall Height: 178cm (5'10")

Max. Clearance beneath platform: 251cm (8'3")

Clearance beneath arm pivot, Column up: 160cm (5'3")
Column down: 90cm (3'0")

Turning Radius, inside: 61cm (2'0")
outside: 340cm (11'2")

Power requirements: 110v. D/C.

Weight: 2041kg (4490lbs) inc. fixed weight.

Crew 3 (Cameraman, Swinger and Tracker).

CRANES AND ARMS
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HERON

Motorised, in-vision, crab and steer base.
In-vision swinging and craning by motorised arm.
Heights may be increased by elevating column beneath camera.

Heights to head mounting face,
Column Up: Max: 229cm (7'6"), Min: 86cm (2'10")
Column Down: Max: 198cm (6'6"), Min: 56cm (1'10")

Extra column height: 30cm (12")

Forward Reach: 140cm (4'7")

Chassis dimensions: 195cm x 104cm (6'5" x 3'5")

Overall Length: 345cm (11'4")

Min. Overall Height: 195cm (6'5")

Max. Clearance beneath platform: 142cm (4'8")

Turning Radius, inside: zero (at front wheel)
outside: 196cm (6'5")

Power requirements: 230v A/C 3 phase.

Weight (Mk 3): 939kg (2270lbs).

Crew 2 (Cameraman and Tracker).

CRANES AND ARMS
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NIKE CRANE
(or Electra II Crane)

Motorised, in-vision trackable base.
In-vision swinging and craning by counterbalanced arm.
3ft platform extensions available (restricted use only).

Heights to head mounting face: Max. 362cm (11'10")
Min. 53cm (1'9")

Reach to camera pivot, Forwards: 266cm (8'8")
(without platforms) Sideways: 256cm (8'5")

Chassis dimensions, (including seat): 294cm x 127cm (9'8" x 4'2")
(+ platforms): 330cm x 185cm (10'10" x 7'1")

Overall Length: 597cm (19'7")

Min. Overall Height: 229cm (7'6")

Max. Clearance beneath platform: 318cm (10'5")

Clearance beneath arm pivot: 318cm (3'10")

Turning Radius, inside: 15cm (6")
outside: 221cm (7'3")

Power requirements: 220v. A/C. (to charge 3, 12v, 6-cell batteries).

Weight: 2630kg (5800lbs).

Crew 4 (Cameraman, 2 Swingers and Tracker).

CRANES AND ARMS
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KESTREL
(Outside Broadcast Crane)

Manual, in-vision trackable base.
In-vision craning by hydraulic arm.

Heights to head mounting face, Max: 216cm (7'1"), Min: 88cm (2'11").

Reach to Camera pivot: 33cm (1'1")

Chassis dimensions, (including seat): 200cm x 104cm (6'7" x 3'5")

Overall Length: 244cm (8'0")

Min. Overall Height: 178cm (5'10")

Max. Clearance beneath platform: 150cm (4'11")

Turning Radius, inside: zero (at front wheel)
outside: 168cm (5'6")

Power requirements: 240v. 5amps A/C.

Weight: 267kg (588lbs)

Maximum load: 227kg (500lbs)

Crew 2 (Cameraman and Tracker).

CRANES AND ARMS
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V.L.A.D.
(Vintern Low-Angle Dolly)

Manual, in-vision trackable base.
Limited in-vision craning by pressurised arm.
Intended for low-angle shots only.

Heights to head mounting face, Max: 67.3cm (2'2.5"), Min: 3.8cm (5.5").

Chassis dimensions, (including seat): 99cm x 54cm (3'3" x 1'9")

Overall Length (including tracking handle): 140cm (4'7")

Min. Overall Height (including tracking handle): 79.4cm (2'7")

Max. Clearance beneath platform: 150cm (4'11")

Turning Radius, inside: zero (at rear wheel)
outside: 122cm (4'0")

Power requirements: 240v. 5amps A/C.

Weight: 68kg (150lbs)

Loading capacity, Max: 158.8kg (350lbs)
Min: 22.6kg (50lb)

Crew 2 (Cameraman and Tracker).

PEDESTALS
(Class One)

H.P. PED
(Vintern Hydro-Pneumatic Pedestal)

In-vision, manual
tracking and craning.
Crab and steer gears
with ring-steer control.

Lens Heights, Maximum: 187cm (6' 2")
Minimum: 111cm (3'8")

Heights to head mounting face, Maximum: 142cm (4'8")
Minimum: 66cm (2'2")

Safe flat height: 138cm (4'6")

Minimum door width: 94cm (3'1")

Base dimensions: 82cm x 102cm (2'9" x 3'4")

Weight: 194kg (430lbs)

Loading capacity, Maximum: 136kg (300lbs)
Minimum: 45.4kg (100lb)

PEDESTALS
(Class One)

FULMAR
(Vintern Fulmar Pneumatic Pedestal)

In-vision, manual
tracking and craning.
Crab and steer gears
with ring-steer control.

Lens Heights, Maximum: 194cm (6' 4")
Minimum: 99cm (3'3")

Heights to head mounting face, Maximum: 149cm (4'11")
Minimum: 54cm (1'9")

Safe flat height: 140cm (4'7")

Minimum door width: 92cm (3'0.5")

Base dimensions: 86.5cm x 99cm (2'10" x 3'3")

Weight: 180kg (396lbs)

Loading capacity, Maximum: 158kg (350lbs)
Minimum: 10kg (22lb)