

MILO

CRANES & RIGS

ACADEMY AWARD WINNING CAMERA ROBOTICS RIG

35

PAYLOAD
CAPACITY (KG)

4.1

MAXIMUM
LENS HEIGHT (M)

GROUND GEARS AND BEARINGS
FOR SMOOTH, PRECISION MOVEMENT

VERTICAL TRAVEL OF CAMERA
(-75CM TO 4.1M HIGH)

HD SLIP RINGS
FOR UNLIMITED MOVEMENT

CAMERA MOVEMENT 3M/S
ON TRACK

The Academy Award winning Milo is the industry standard for precision camera movement. A frame accurate, high precision rig, perfect for macro, tabletop or CGI work.



A Nikon Company



MARK ROBERTS MOTION CONTROL

MILO SPECIFICATIONS



SETUP & READY TO SHOOT

Setup under an hour.



EXTENDED REACH

For added height, the Milo has a Long Arm option to give 6 metres of lens height.



EXPORT MOVES TO CGI

Export moves to CGI platforms easily; complex movements can be pre-visualised and transferred to the Milo to execute on set.



PORTABILITY

The Milo can be transported whole and used in studio or on location.



OPTIMISED SYSTEM GEOMETRY

The geometry of the Milo allows it to perform smooth, stable movements from ground level (or below) to a maximum height of 4.1 metres (13.5 ft.).



AXES

The Milo provides axes for Track, Rotate, Lift, Arm Extension, Head Angle (Outer Arm), Pan, Tilt, Roll, Camera, Zoom, Focus, and Iris.

RIG PERFORMANCE

Track	As required @ 2m/s
Rotate	Unlimited range of travel @ 38°/s
Lift	+/- 45° range of travel @ 24°/s
Arm Extend	1 metre @ 38cm/s
Outer Arm	225° range of travel @ 40°/s
Pan	Unlimited range of travel @ 120°/s
Tilt	290° range of travel @ 120°/s
Roll	Unlimited range of travel @ 120°/s

RIG WEIGHTS

Base	166kg / 365lbs
Turret	160kg / 352lbs
Main Arm	130kg / 286lbs
Head with Outer Arm	63kg / 139lbs
Extend Ballscrew	28kg / 62lbs
Lift Ballscrews	39kg / 86lbs
Power Supply & Driver Unit	124kg / 273lbs
Optional	
Long Arm (with counter weights)	452kg / 995lbs

OPERATING ENVELOPE

Maximum Height	4.1m / 13'5"
Lowest Position	-0.75m / -2'5"
Maximum Height (Long Arm)	6m / 19'6"
Lowest Position (Long Arm)	-2.75m / -9'0"

POWER CONNECTION

Power requirements	110-240 volts, frequency 50-60Hz
Generator	6.5k VA (Milo & 8 Model Movers)

