

BOLT™ JR+

COMPACT HIGH SPEED MOTION CONTROL ARM



PAYLOAD
CAPACITY (KG)



MAXIMUM
REACH (M)

POWERFUL, HIGH TORQUE
LENS MOTORS

CAMERA
SYNCHRONISATION
FOR FRAME ACCURATE
REPEAT PASSES

INTEGRATED CAMERA CABLING
THROUGH ARM

SINGLE PHASE
STANDARD MAINS POWER

MOVES 3M/S
ON TRACK

Bolt Jr+ is a compact, lighter weight high-speed camera robot with a longer reach than the Bolt Jr. The agile, smaller rig also comes with an increased camera payload (10kg) and is an ideal solution for smaller spaces or location work.



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MARK ROBERTS MOTION CONTROL

BOLT™ JR+ SPECIFICATIONS



TURNTABLES

Synchronised motion with external triggers and model movers for extreme precision timing.



PORTABLE

Portable, lightweight robotic unit, designed to be set-up and ready for shooting in under an hour.



TIMECODE | LIGHTING

Trigger from timecode. Control DMX Lighting.



TIMELAPSE

Create incredible timelapse with dynamic movement and feel.



REPEATABLE

Every camera move under complete control – precisely repeatable.



TARGET TRACKING

Define location of your object in space, to simplify any complex move.



LENS CONTROL

High speed, precise control of zoom, iris & lens. Fastest & most powerful motors in the world.



MAYA

Take moves planned in Maya and feed them into the Bolt – or interface to augmented or virtual reality in real-time.

OPERATING ENVELOPE

Maximum Height (from ground)	2.5m / 8'2"
Lowest Position	0m / 0'
Maximum reach (from rotate centre)	1.4m / 4'7"

RIG PERFORMANCE

Arm Arc move	maximum speed at camera 5m/s
Arm combined with track	maximum speed at camera 8m/s
Track	Unlimited range of travel @ 3m/s
Rotate	+/- 190° range of travel
Lift	- 90° – 150° range of travel
Arm	- 10° – 157° range of travel
Pan	+/- 200° range of travel
Tilt	+/- 120° range of travel
Roll	+/- 360° range of travel

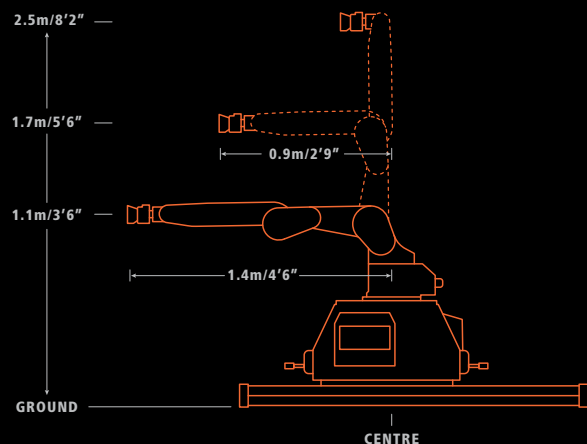
RIG WEIGHTS

Bolt Jr + Base	318kg / 701lbs
Transport wheels	50kg / 110lbs
Maximum camera payload	10kg / 22lbs

Note: counter weights may be required depending on the shot and length of track

POWER CONNECTION

Power requirements	1 x 220 VAC
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TELEPHONE: +44 (0)1342 838000

EMAIL: info@mrmoco.com

www.mrmoco.com/boltjrplus

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