

BOLT[®]JR⁺

CRANES & RIGS

COMPACT HIGH SPEED MOTION CONTROL ARM



PAYLOAD
CAPACITY (KG)



MAXIMUM
REACH (M)

**CAMERA
SYNCHRONISATION**
FOR FRAME ACCURATE
REPEAT PASSES



INTEGRATED CAMERA CABLING
THROUGH ARM

POWERFUL, HIGH TORQUE
LENS MOTORS



MOVES 3M/S
ON TRACK

SINGLE PHASE
STANDARD MAINS POWER

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

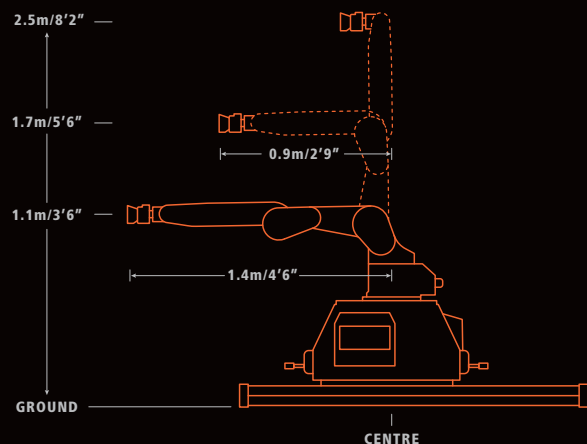
RIG WEIGHTS

Bolt Jr + Base	262kg / 578lbs
Transport wheels	60kg / 132lbs
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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