

BOLT™ JUNIOR

CRANES & RIGS

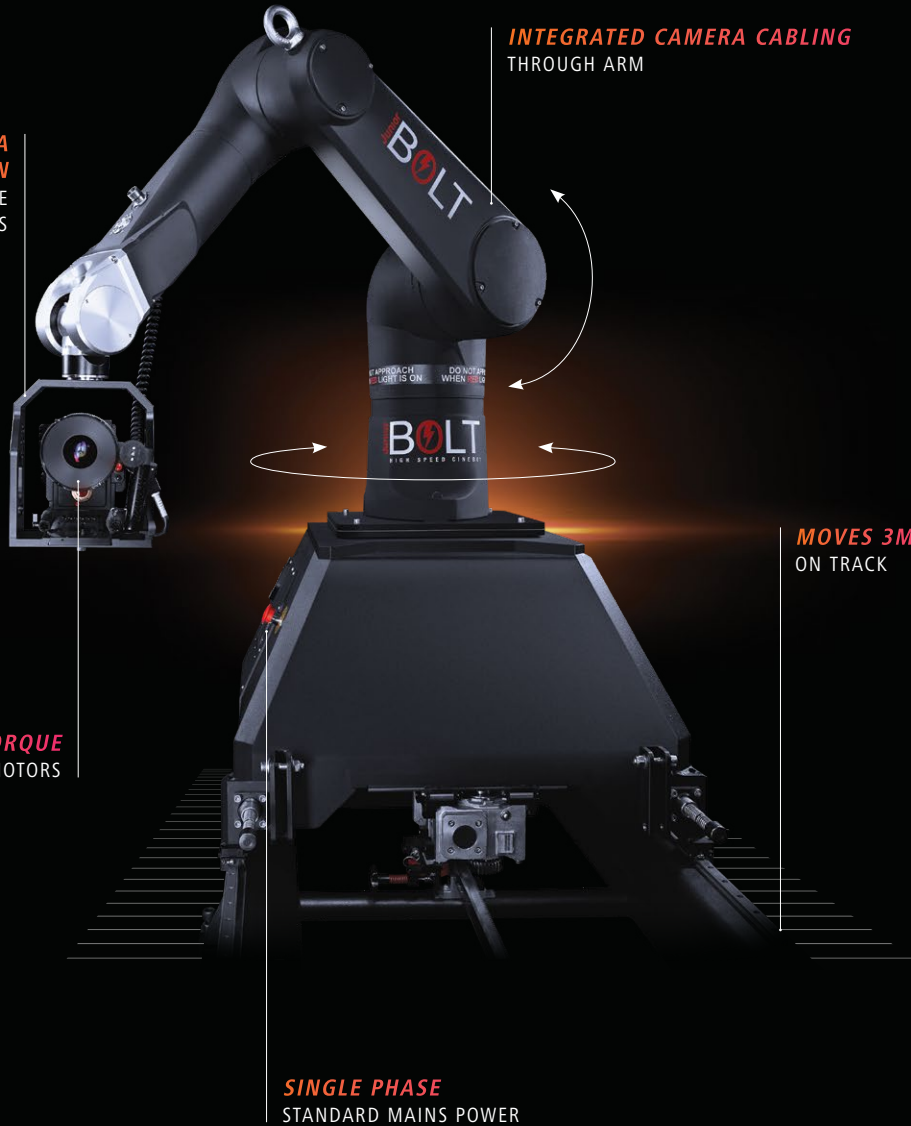
COMPACT HIGH SPEED MOTION CONTROL ARM



PAYLOAD
CAPACITY (KG)



MAXIMUM
LENS HEIGHT (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

The Bolt Jr. is a compact, lightweight high-speed camera robot – an agile, smaller option than the full scale MRMC Bolt. The Bolt Jr. is an ideal solution where space, weight, mobility and budget are key.



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MARK ROBERTS MOTION CONTROL

BOLT™ JUNIOR 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)	1.2m / 3'9"

RIG PERFORMANCE

Track	Unlimited range of travel @ 3m/s
Rotate	+/- 180° range of travel @ 400°/s
Lift	+/- 147.5° – 130° range of travel @ 390°/s
Arm	+/- 145° range of travel @ 400°/s
Pan	+/- 270° range of travel @ 540°/s
Tilt	+/- 140° / -115° range of travel @ 475°/s
Roll	+/- 270° range of travel @ 760°/s

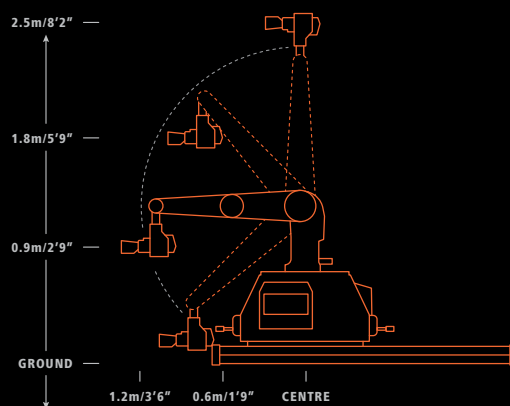
RIG WEIGHTS

Bolt Jr + Base	114 + 180 (294kg) / 648lbs
Maximum camera payload	10kg / 22lbs

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

POWER CONNECTION

Power requirements	3x 200-400 volts, 16 amps
Generator	2k VA (Bolt Jr) 10k VA (Bolt Jr on track)



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