CRANES & RIGS

# BOLT IR

# COMPACT HIGH SPEED MOTION CONTROL ARM



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.





# BOLT JR SPECIFICATIONS



#### TURNTABLES

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



#### PORTARIE

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.



#### REPEATARIE

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.



#### ΜΔΥ

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
Arm combined with track
Track
Rotate
Lift
Arm
Pan
Tilt
Roll

maximum speed at camera 5m/s
maximum speed at camera 8m/s
Unlimited range of travel @ 3m/s
+/- 190° range of travel
- 90° — 150° range of travel
- 10° — 157° range of travel
+/- 200° range of travel
+/- 120° range of travel
+/- 360° range of travel

# RIG WEIGHTS

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

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

## POWER CONNECTION

# **Power requirements**

1 x 220 VAC





