

BOLTTM X

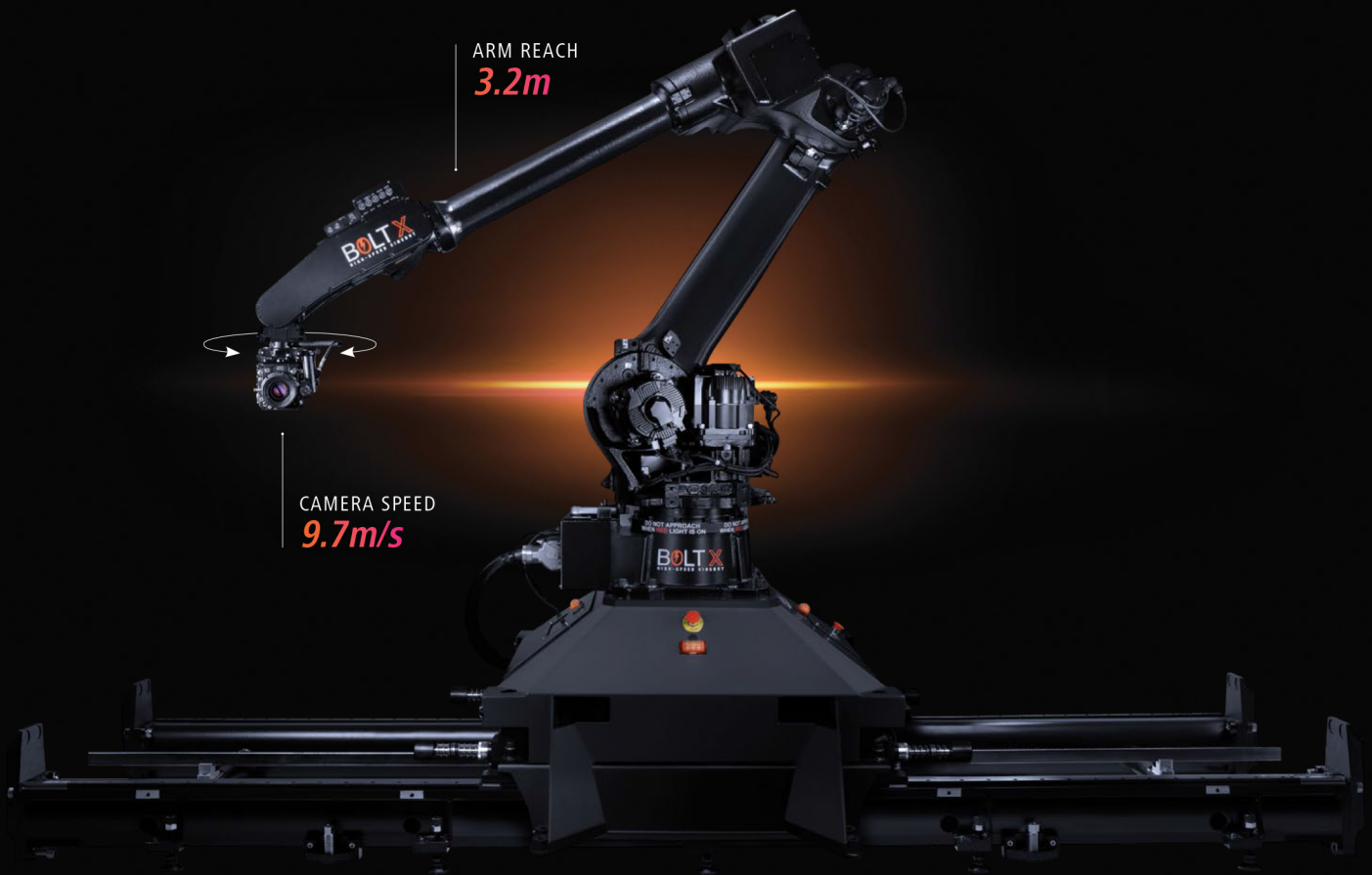
LONGEST ARM REACH OF OUR HIGH SPEED EQUIPMENT



PAYLOAD
CAPACITY (KG)



MAXIMUM
LENS HEIGHT (M)



The latest edition to our high speed motion control family has the longest arm reach of our high speed equipment. With a reach of 3.2m, the Bolt X allows for greater flexibility in capturing the shots at high speed in the studio and at location settings.



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MARK ROBERTS MOTION CONTROL

BOLT™ X 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	4.3m / 14'1"
Lowest Position	-1.3m / -4'2"
Maximum reach (from rotate centre)	3.2m / 10'6"

RIG PERFORMANCE

Track	Unlimited range of travel @ 4 m/s
Rotate	+/- 180° range of travel @ 180° /s
Lift	+135 to -90° range of travel @ 180° /s
Arm	+206° to -80° range of travel @ 180° /s
Pan	+/- 200° range of travel at 400° /s
Tilt	+/- 150° range of travel @ 430° /s
Roll	+/- 455° range of travel @ 630° /s

RIG WEIGHTS & PAYLOAD

Bolt X Rig (Robot Only)	560Kg / 1,235lbs
Pedestal:	372Kg / 820lbs
Flair Console Flight Case	36Kg
Counterweights (Pedestal Only)	800Kg per side
Track Weight Plate	200Kg
Maximum Camera Payload	20Kg

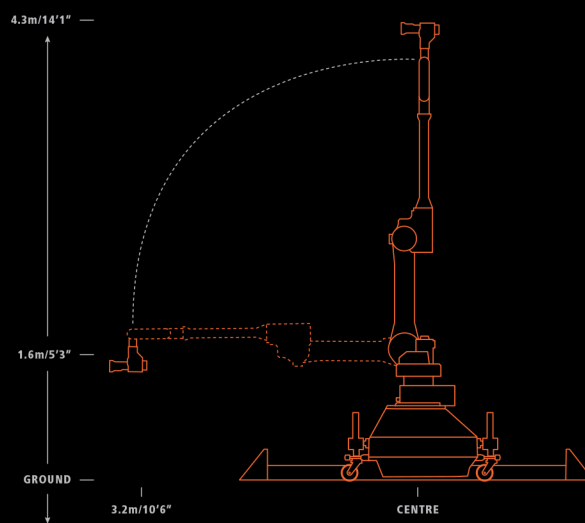
POWER CONNECTION

Power Requirements	415V 3 Phase
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SHOOTING SPEEDS

Vertical	9.6m/s on arc of radius of 3.1m
Horizontal	9.7m/s on arc of radius of 3.1m

RIG DIMENSIONS



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