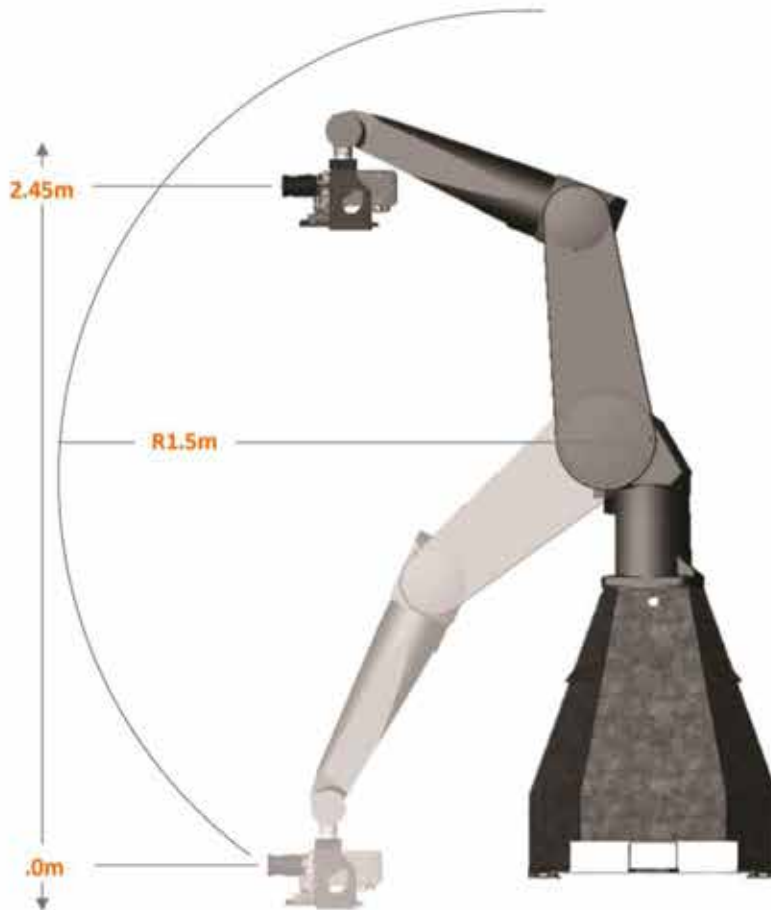




## Bolt High Speed Cinebot Technical Specifications

el28studio.com



### Operating Envelope

Maximum Height	2.45m
Lowest position	.0m
Maximum reach (from rotate centre)	1.5m

### Rig Dimensions (for clearances)

Height	1.9m
Base width	.9m x .9m

### Rig Performance

Axis	Range of Travel	Maximum Speeds
Rotate	+/- 160 degrees	200 degrees per second
Lift	+/- 137 degrees	200 degrees per second
Arm	+/- 150 degrees	255 degrees per second
Pan	+/- 270 degrees	315 degrees per second
Tilt	+/- 120 degrees / -105 degrees	350 degrees per second
Roll	+/- 270 degrees	870 degrees per second

## Practical shooting speeds

Move	Speed
1m vertical move	Half a second
1m horizontal move	Half a second
Complete 180 degree arc with a 75cm radius	1.5 seconds
Complete 180 degree arc with a 45cm radius	1 second

## Rig Weights

	Kg	Lbs
Bolt rig	430	948
Power Supply Unit	60	133
Flair console flight case	40	88
Counter weights if not screwed to the floor	560	1235
Maximum camera payload	28	61

## Rig Fixing

While the Bolt can be used with counter weights for some shots, if you are looking to achieve the highest speeds with the smoothest possible results the optimum mounting for the rig is to fix it to the floor. This is the suggested method of use. Mr Moco bring to set the equipment necessary to fix to sound concrete floors. It only requires x4 20mm holes drilled to a depth of 65mm, these are filled with M16 plugs that the rig can be screwed into.

## Power Connection

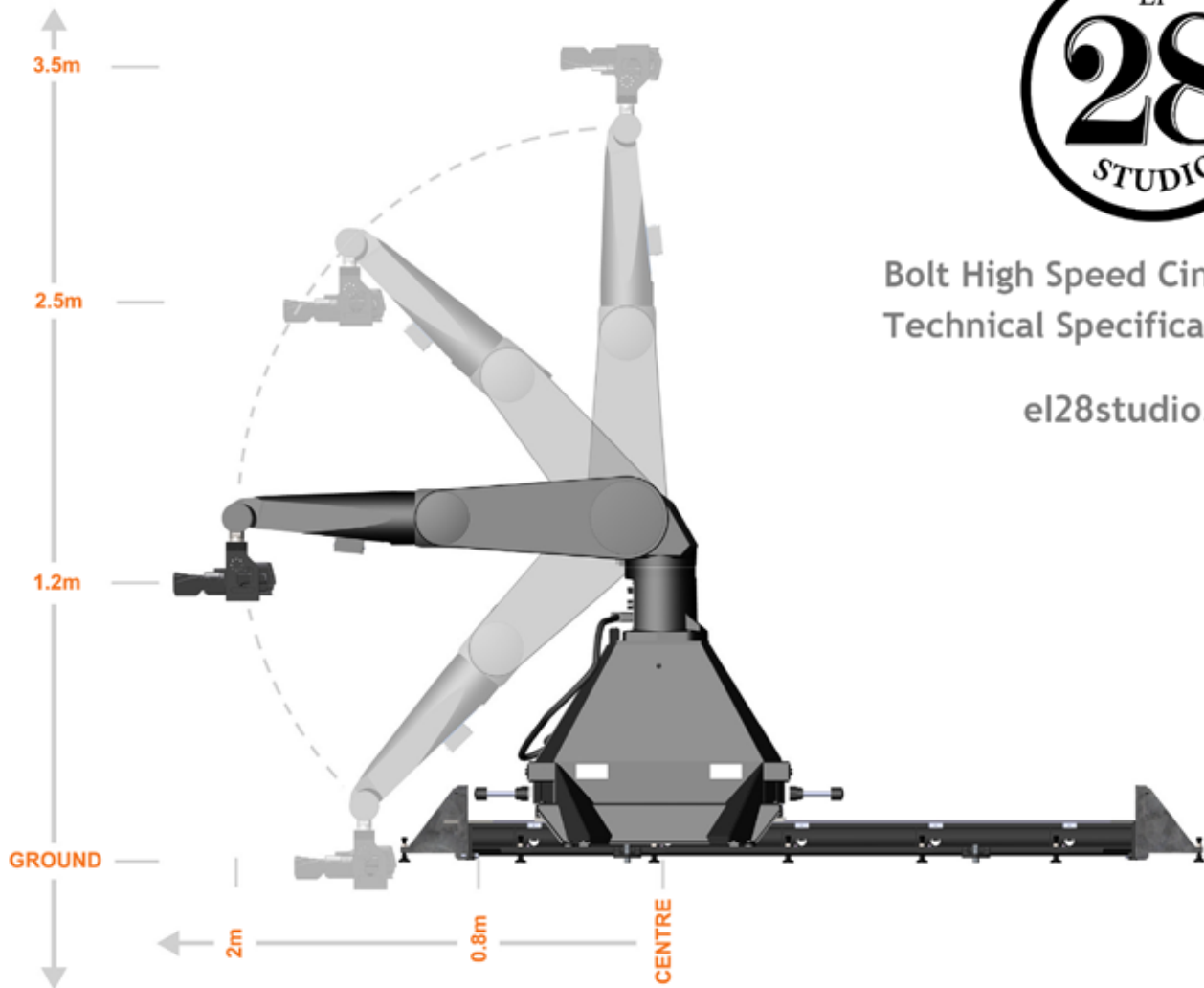
Power requirements: 3x 400Volts, Frequency 50-60 Hz

Generator: 3000 VA-120 kA



## Bolt High Speed Cinebot Technical Specifications

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### Operating Envelope

Maximum Height (with level head)	2.45m
Lowest position	.0m
Maximum reach (from rotate centre)	2m

### Rig Dimensions (for clearances)

Height	1.8m
Base width (with wheel limits)	1.4m

### Rig Performance

Axis	Range of Travel	Maximum Speeds
Track	Unlimited	4 metres per second
Rotate	+/- 160 degrees	240 degrees per second
Lift	+/- 137 degrees	238 degrees per second
Arm	+/- 150 degrees	313 degrees per second
Pan	+/- 270 degrees	315 degrees per second
Tilt	+/- 120 degrees/-105 degrees	350 degrees per second
Roll	+/- 270 degrees	870 degrees per second

### Rig Weights

	<b>Kg</b>	<b>Lbs</b>
Bolt rig	800	948
Flair console flight case	40	88
Maximum camera payload	28	61
Each 3m track	105	231

### Rig Fixings

Because of the harsh acceleration and deceleration, the track sections of the rig must be bolted into a solid base or fixture. For studios, we drill four 15mm holes to a depth of 65mm for each length of track. Various counter weight systems can be used for location shooting.

### Power Connection

Power requirements: 3x 400Volts, Frequency 50-60 Hz

Generator: 3000 VA-120 kA