



SHOOTING GALLERY ASIA

<b>Pricing for Bolt Cinebot</b>		
Bolt High Speed Motion Control Rig	SGD per day	OT/hr SGD
Shoot Day	5,000.00	
Tracks per 3metre length x 3	3,000.00	
Prep/Set-up per day (Studio)	2,000.00	
Prep/Set-up per day (Location)	2,500.00	
Travel Day (Overseas)	500.00	
Triggers Box / Servo Driver /	200.00	
Precision TurnTable	200.00	
<b>Operator</b> : In-house (Singapore based)10 hours	800.00	120.00
Overseas travel day	300.00	

<b>Rig Operation/Software</b>
Flair Software Running on Windows 7 Pro

<b>Power Supply</b>	
Power requirement	3 Phase 400 Volts
Frequency	50-60 Hz
Generator	3000 VA-120kA



<b>BOLT ON PEDESTAL</b>		
Weight of Bolt Rig	800 kg	
Counter Weights: 140 kg Tray X 4	560 kg	total
16 kg Kettle Bell X 12	192 kg	872 kg
10 kg Weight Slab X 12	120 kg	
Total :	1,672 kg	

<b>Rig Specifications</b>	
Maximum Height	2.45m
Lowest Position	0.0m
Maximum Reach - from centre of rotate	1.5m
Height of Rig	1.9m
Base Width	0.9 x 0.9m

<b>Rig Performance</b>		
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	350 degrees per second
Roll	+/- 270 degrees	870 degrees per second

<b>Practical Shooting Speeds</b>	
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



<b>BOLT ON TRACKS</b>		
Weight of Bolt Rig	800 kg	
Counter Weights: 140 kg Tray X 4	560 kg	total
16 kg Kettle Bell X 12	192 kg	872 kg
10 kg Weight Slab X 12	120 kg	
Tracks - 3 metre each	105 kg	total 3 tracks = 315 kg
Flair console flight case	40 kg	
Maximum camera payload	28 kg	

**Rig Fixing**  
 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 the track. Various counter weight systems can be used for location shooting.

<b>Rig Specifications</b>	
Maximum Height	2.45m
Lowest Position	0.0m
Maximum Reach - from centre of rotate	2.0m
Height of Rig	1.8m
Base Width (with wheel limits)	1.4m

<b>Rig Performance</b>		
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	350 degrees per second
Roll	+/- 270 degrees	870 degrees per second