

BOLT on set.

Access/set up

The BOLT on Pedestal weighs around 450kg and the counter weights 560kg. The set up takes approximately 45min when used with counter weights, or 1 hour when fixed to the floor.

The shorter the access ways and more even the set-up site, the quicker it is to set up the BOLT.

The 'clear width' of the doors should be 1,90m tall and 95cm wide.

The BOLT and its equipment is delivered on a 7.5-tonne truck (L7.50m, W2.50m, H3.40m).

Power supply

A separate power line for CEE 32 or 63 Amp connectors are needed. Power connections to film lighting generators can be used without concern. They should supply at least 3000 VA-12kA.

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. visual distractions bring to set the equipment necessary to fix to sound concrete floors. It only requires 4 x 20mm holes drilled to a depth of 65mm, these are filled with M16 plugs that the rig can be screwed into.

Mounting cameras / lenses

Most film, video and digital cameras can be mounted onto the BOLT camera platform as long as they weigh less than 20 kg. For stability at high speeds or camera positions low over surfaces we recommend mounting the camera directly on the camera platform without any adapters. The head has 2 x 19mm mounts for rods. Steel rods are preferable over aluminium/carbon.

Special control cables are available to provide sync at different frame rates to ARRI Alexa and RED camera models.

The lenses are fitted with motion controlled focus/zoom/iris motors and run by the BOLT.

Restrictions

The BOLT is not sound-proof due to ventilation and the motor noise that it produces.

During rain, shoot has to be halted since the electronics are built into the BOLT directly. In such cases, the BOLT can be shut down without losing any shoot data and be left covered on the spot until the rain has stopped.

On tough to reach locations it is recommended to have a prior set visit or location pictures.

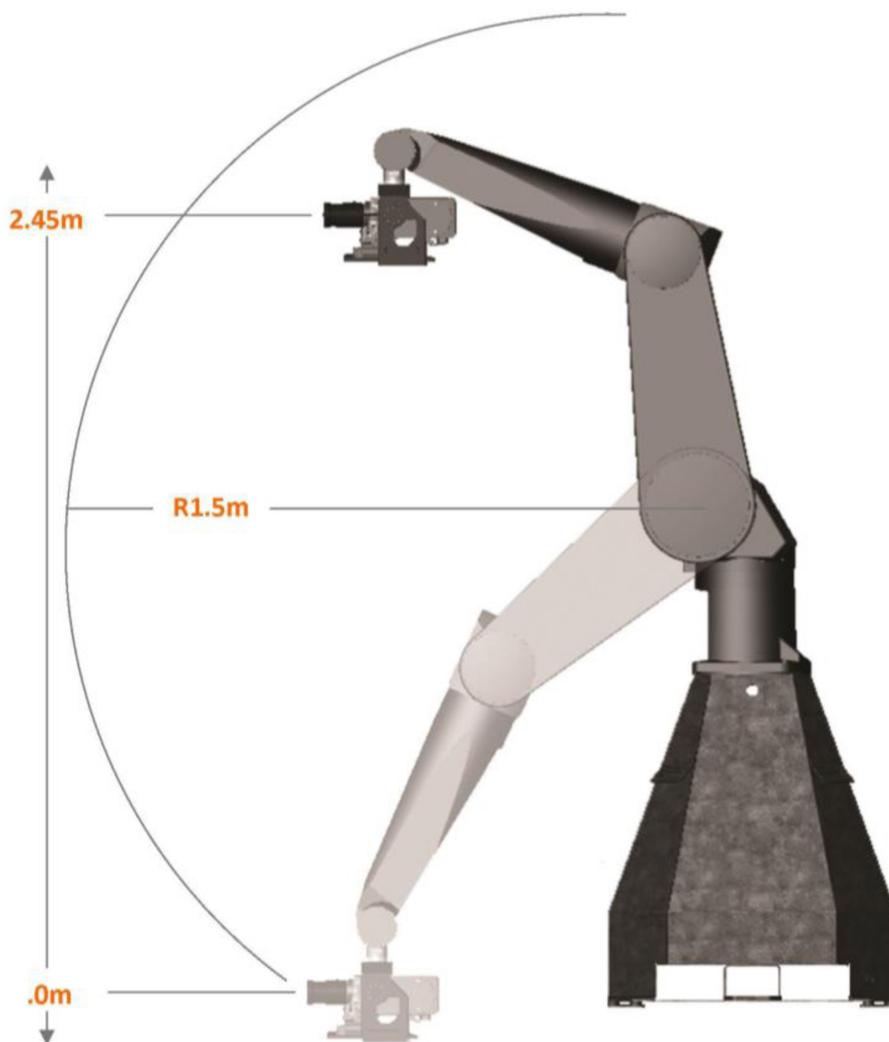
The BOLT can also be lifted with a crane. Lifting harness will be provided.

Triggers / SFX Timing

The BOLT can trigger external devices such as Solenoids, Cylinders, Motorized SFX systems via relays. This allows SFX timing to be connected to/triggered by the BOLT.

Extras

There are additional motors or turntables available that can be used as an integrated part of the system. Further devices for externally controlling timing of SFX or custom pneumatic or motorized rigs, sliders and model movers can be provided on request. Connections or integration should be discussed before the shoot.



Operating Envelope

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

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

Please note: visual distractions Ltd. reserves the right to change these specifications without notice. Spec dimensions dependent on type and size of camera used on the rig.