

MILO on set.

Access/set up

The MILO together with 9 m tracks weights about 1 tonne and is ready for use after approximately 2 hours of set-up.

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

The 'clear width' of the doors should be 2.20m tall and 1.50m wide. Elevator cabins should be 3.50 m deep and be able to carry 1500 kg load.

The MILO 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, 63 or 125 Amp connectors are needed. Power connections to film lighting generators can be used without concern.

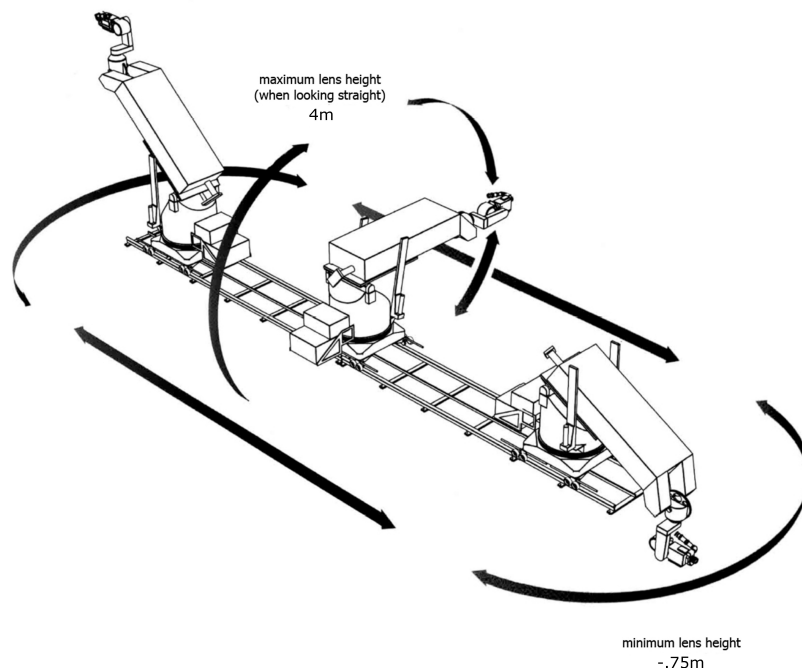
Mounting cameras / lenses

Most film, video and digital cameras can be mounted onto the MILO camera platform as long as they weigh less than 20 kg.

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 MILO.

Mirror rigs used for stereoscopic 3d productions can be mounted onto the MILO with certain restrictions.



Restrictions

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

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

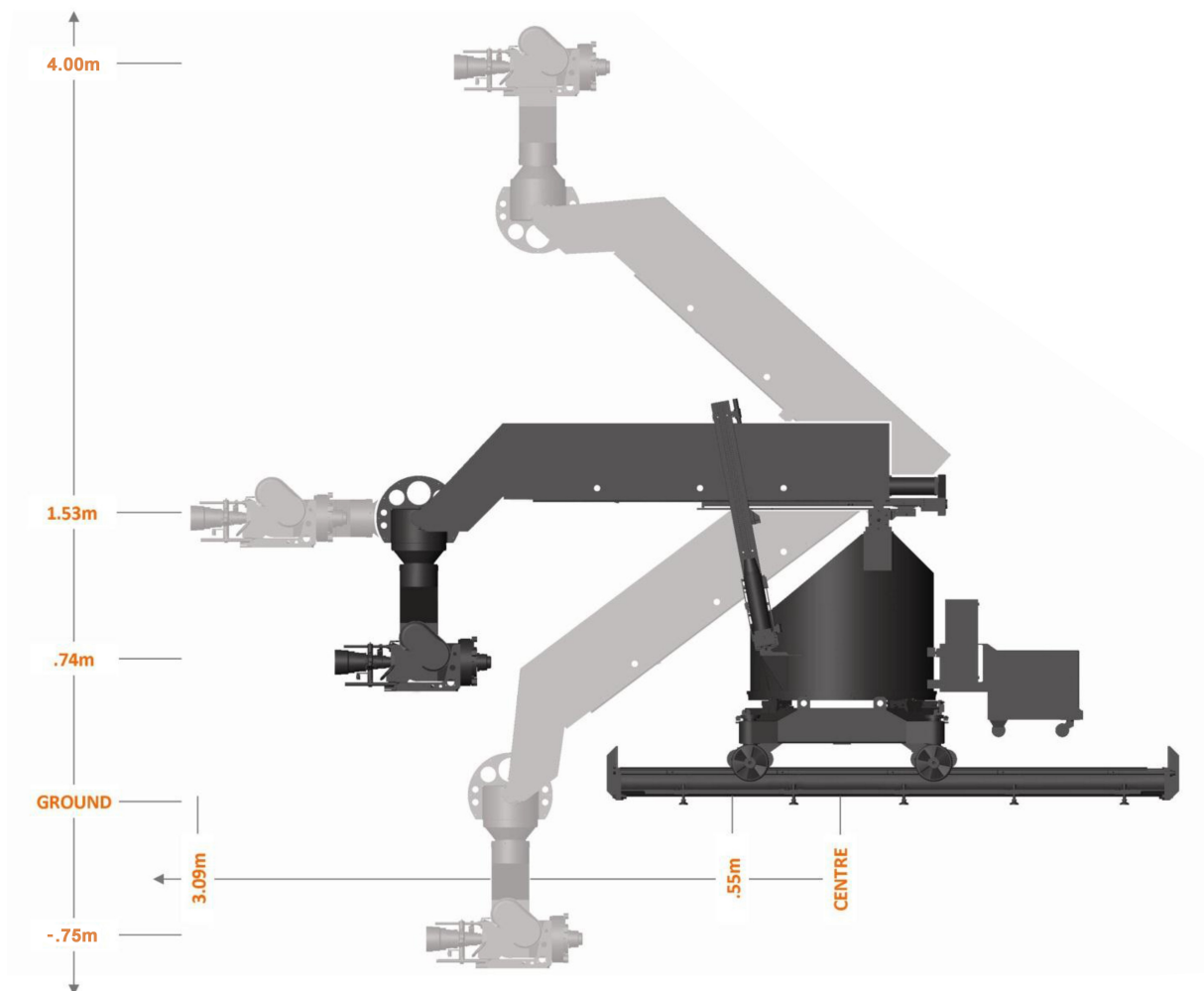
Should the door or elevator cabin size not fit the above requirements, the MILO can be taken apart on the spot. This alternative requires 2 Easy Lift systems (lighting rental) and 4 strong bodies to transport the single pieces to the set. Due to the bulky nature of the single pieces, it is recommended to have a prior set visit or location pictures for tough to reach locations.

The MILO can also be lifted with a crane. Lifting harness will be provided. The weight varies between 550 to 750 kg based on accessories.

Extras

A 10 m long and up to 1.6m steel podium is available on request to elevate the MILO (camera at 5.60m). A crane (e.g. towing service) is necessary to set up the MILO atop the podium.

Further equipment for motion control model moving can be provided upon request. These include a big turntable (capacity to carry cars up to 2.5 tonnes), smaller turntables, tracks and motors to build custom solutions.



Operating Envelope

Maximum Height	4.00m
Lowest position	-.75m
Maximum travel (from sub floor)	4.96m
Maximum reach (from rotate centre)	3.09m
Maximum reach (from turret)	2.54m

Rig Performance

Axis	Range of Travel	Maximum Speeds
Track	As required in 3m lengths	3.2 metres per second
Rotate	Unlimited	30 degrees per second
Lift	+/- 45 degrees	24 degrees per second
Arm Extend	1 metre	38cm per second
Outer Arm	225 degrees	40 degrees per second
Pan	Unlimited	120 degrees per second
Tilt	290 degrees	120 degrees per second
Roll	Unlimited	120 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.