

Mobile Gantries /Operating Instructions //

Mobile Gantries are designed to provide a portable way of lifting or handling items of equipment and then, if required, the transportation of the said item over smooth ground area. The capacity of the Mobile Gantry will be clearly marked on the load beam.

Construction //

The construction of the mobile gantry is a 3-part system, with 2 x A-frames and 1 x load beam, with the normal range of Gantries allowing for adjustment by peg or locating pin.

Erection //

Using a GENIE MACHINE of a suitable height and capacity to lift the load beam, raise the load beam to a height of approximately two metres and then carefully standing up the 2 x A frames, wheel them under the load beam and place in position the locating bolts. After adjustment of the Genie Machine to a slightly lower position, tighten the bolts at each end and after withdrawal of the height location pins raise the Gantry up to the required height, carefully placing the locating pins back in when that height is achieved.

Caution //

Only use a Beam Clamp or Trolley that is suitable for the application that you require with a Safe Working Load that does not exceed the capacity of the Mobile Gantry. Attach a Chain Block that is suitable for the use required and is of a Safe Working Load that does not exceed the Gantry. Do not allow personnel to pass under a suspended load, or should the Gantry be moved do not allow personnel to work or walk within the inside area of the Gantry. The Gantry should only be moved over smooth, even ground, using two people, one on each A-Frame, for a smooth and efficient movement. Do not move the Gantry in its narrow plane.

Design //

The Gantry is designed to be used either with wheels or in some circumstances without wheels, and the rationale for smooth ground and 2-man operation is that, should an obstruction occur when the Gantry is being moved (for example, a small stone, pebble or curb), a pendulum action will occur which could overturn the load, particularly if the load is in the raised position when being moved. [Note: A load should always, wherever possible, be moved when lowered as close to the ground as possible].



S.W.L	Height to U.S.B	Span (Metres)
1T	1.8-3M	3M
1T	1.8-3M	4M
1T	2.5-4.5M	3M
2T	1.8-3M	3M
2T	1.8-3M	4M
2T	2.5-4.5M	3M
3T	1.8-3M	3M
3T	1.8-3M	4M