EQUIPMENT HANDLING SOLUTIONS - LABORATORIES

Large / specialised pieces of equipment often need special consideration when designing in the workplace. Sensitive technical equipment can be expensive and potentially hazardous to move if not considered properly.

Two ways this has been handled are detailed below;-

The first method involves use of a mobile bench with docking and levelling arrangement to facilitate the transfer of heavy equipment from the workstation by means of guide rails and built-in slides, the second method utilises a 'hover pad' powered by compressed air to raise the equipment/ bench on an air cushion trolley from off its static support, making equipment of several hundred kilos easy to move.





'Hover Pad' trolleys with temporary air connection in readiness for equipment move





BENEFITS

- Manual handling risks substantially reduced or eliminated.
- Requirement for specialist lifting assistance reduced or eliminated.
- Costs and lead times to carry out equipment moves reduced.





'Hover Pad' trolleys with temporary air connection in readiness for equipment move

