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Case Study – Air Film Technology



Client: Large Defence Aero-Engine Manufacturer

Synopsis: The Hovair division of **Movetech UK** designed, built and commissioned an air film transporter with a safe working load of 5000kg for a new factory producing aero-engines for the defence industry.

In this instance the access between the manufacturing plant and the dispatch bay was not suitable for forklift trucks and so the air film transporter was installed. Using the transporter, a single operator can easily move a complete engine into the dispatch bay with manual effort.

A centrally located guide wheel allows accurate positioning of the load while locating brackets on the top deck give an interface for several engine types increasing the flexibility of the machine.



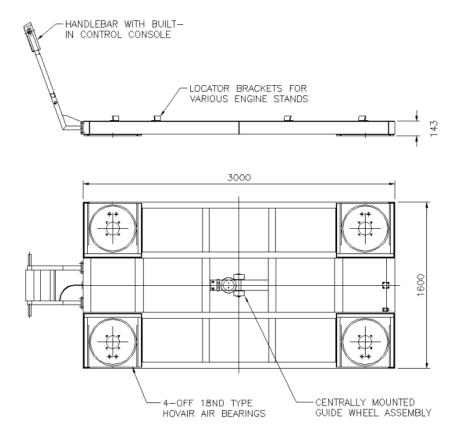
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Transporter Specification



Construction: All steel construction, handlebars with built-in control console

Length:	3 metre	Width:	1.6 metre
Height:	143mm (off air)	Capacity:	5 tonnes

Control: Load selection switch, guide wheel raise/lower, air bearings controlled via 'dead-man' trigger.

Features: Centrally mounted guide wheel with raise/lower option, load selection switch with three presets, flat steel deck with countersunk screws, locating brackets for engine stands.

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