

Case Study – Air Film Technology



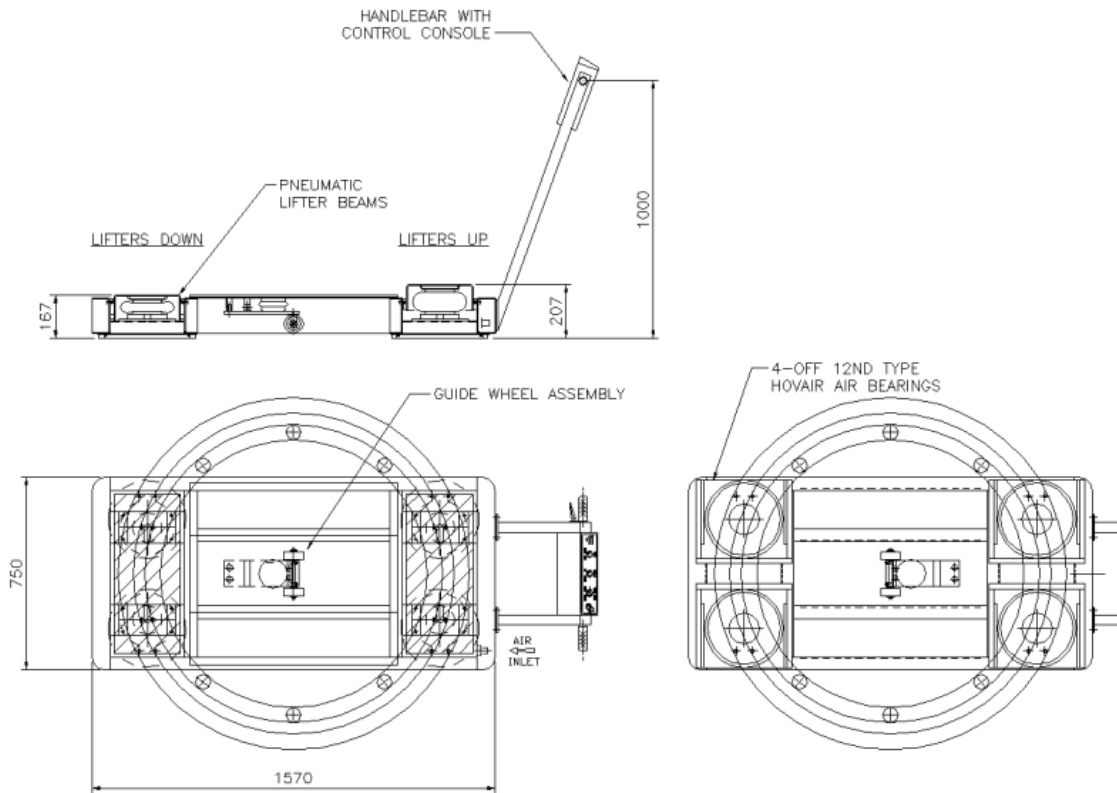
Client: Chromatography Column Manufacturer, Austria

Synopsis: The Hovair division of **Movetech UK** designed and built an air film transporter with a safe working load of 2000kg for moving chromatography columns around a manufacturing facility. Air film was the natural solution as it is intrinsically clean with no oils or lubricants present.

Movetech UK worked with the client to ensure that the air film transporter fitted correctly between the legs and guides of the columns and fabricated the entire unit from stainless steel as requested by the customer.

A centrally located guide wheel allows accurate positioning of the load while lifting beams on the top deck give the transporter the ability to move under a load and then lift it clear of the floor before moving it to its desired location.

Transporter Specification



Construction: All stainless-steel construction, handlebars with built-in control console and stainless air fittings

Length: 1.57 metre **Width:** 0.75 metre

Height: 167mm (off air) **Capacity:** 2 tonnes

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

Features: Stainless steel construction, lifting beams, centrally mounted guide wheel with raise/lower option, load selection switch with two presets and locating brackets for chromatography columns.