

Case Study – Air Film Technology



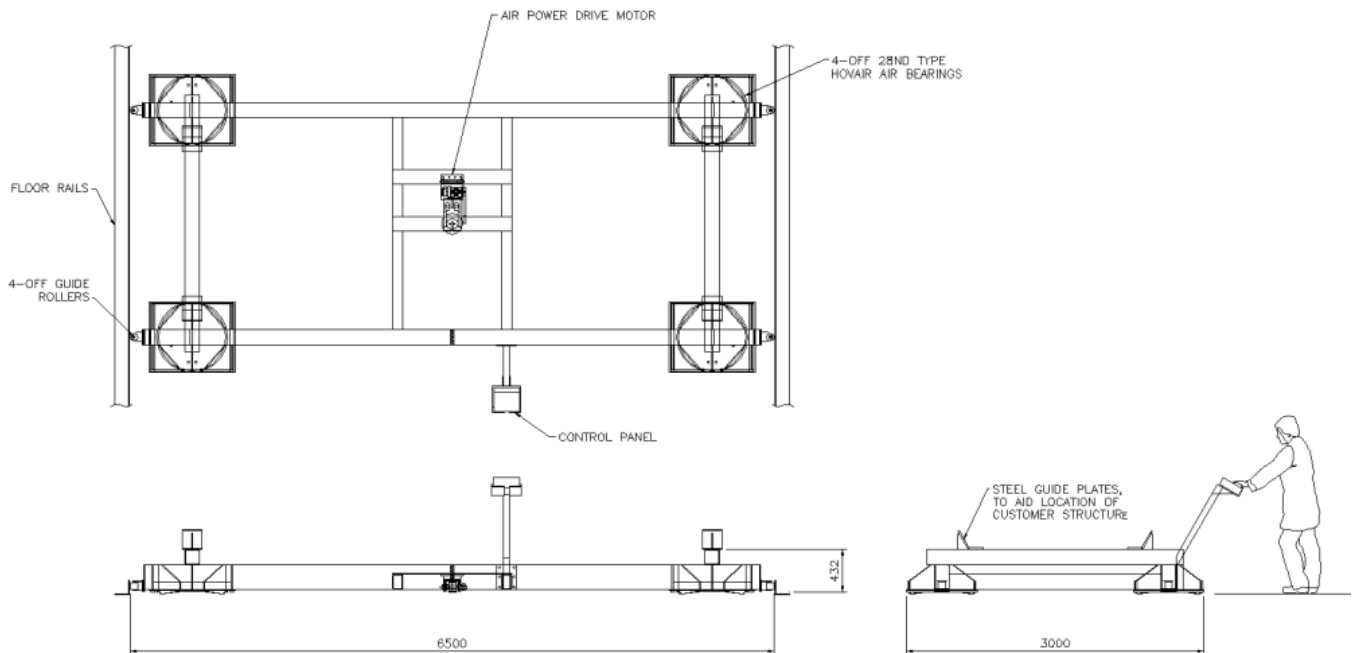
Client: Large Ship Building Company, Portsmouth

Synopsis: A large ship-building outfit based in Portsmouth had the requirement for a means of transferring steel between different production lines. A Hovair air film transporter was provided to do the job.

The 10,000kg capacity transporter collects cassettes of pre-cut steel bars from an automated line and transfers them to the relevant positions on the production line. This particular machine has a basic steel framework with load-bearing cross members and locating brackets for the cassettes.

The transporter is pedestrian controlled and has an internal twin-speed air-powered drive unit that traverses the unit along a set path guided by floor mounted rails.

Transporter Specification



Construction: All steel construction, control console on hard-mounted pedestal

Length: 3 metre **Width:** 6.5 metre

Height: 432mm (off air) **Capacity:** 10 tonnes

Control: Load selection switch, drive raise/lower switch, drive slow/fast switch, drive forward/reverse joystick, air bearings controlled via key-operated switch.

Features: Centrally mounted drive unit with raise/lower option, drive speed selection, load selection switch with two presets, locating brackets for steel cassettes.