

FEM ELEVATING EQUIPMENT PRODUCT GROUP

Summary of the EN Standards for Lifting Tables, Dock Levellers and Tail Lifts

EN 1398:2009 Dock Levellers

EN 1570-1:2011 Safety requirements for lifting tables

EN 1756-1:2001 and EN 1756-2:2004 for tail lifts

The Standards EN1398, EN 1570 and EN 1756 parts 1 and 2 are designed to provide a common understanding of the product for designers, manufacturers, users, owners and inspection bodies in the European Union.

Benefits for the Manufacturer:

- Compliance with the standard provides a method of conformity with the Machinery Directive.
- Establishes methods of avoiding hazards.
- Provides a detailed list of the significant hazards and safety requirements.
- Reviews requirements periodically to reflect current technology.
- Provides common safety factors.
- Gives an approved method of testing.
- Details the requirements for tests and calculations.
- Provides a benchmark for inspection bodies.
- Provides design standards for the EU market.
- Provides common detailed design criteria
 - Definition of loads and forces
 - Guidelines for the calculation
 - Safety factors for the calculation
 - Requirements for the electrical, hydraulic and pneumatic equipment
- Ensures a common product standard when quoting customers.

Benefits for the purchaser, owner and user:

- A reference for customers to specify equipment.
- Provides confidence that alternative suppliers throughout Europe meet the required safety standards.
- Consistency of reporting by inspection bodies.
- Standards are produced by experienced industry experts, including users, owners, manufacturers and inspectors.
- Provides minimum requirements for the operating controls of all products and ensures common operation of the product throughout the EU.
- Provides detailed information for Users and Owners on the maintenance of the products.
- One common standard for Specifiers, Owners and Users.
- Choosing a product that meets with the requirements of the EN standard ensures that it complies with the EC Machinery Directive* and therefore can be CE marked.

****Note: all lifting tables, dock levellers and tail lifts that are placed on the EU market MUST meet the requirements of the Machinery Directive 98/37/EC as transposed into the national law of each member state.***

For more information: contact FEM by e-mail at: fem@admin.co.uk

March 2007