



Box Lifting

Engineered solutions for boxes & cartons

Boxes and cartons play a central role in the distribution of goods. To keep the product and the box undamaged careful handling is required. Manual Handling regulations are strict on repetitive heavy lifting of loads.

The Palamatic S-Line Vacuum Tube Lifter is the ideal method of lifting boxes and cartons safely protecting the operator from serious back injuries and businesses from damaging insurance claims.

The modular built lifting systems with vacuum pump, filter system, supply hose, heavy duty lift tube, in-built safety features, ergonomic control valve with a full range of suction feet and control handles combine to achieve a cost effective and safe material handling solution.

A standard vacuum lifter can help an operator to stack cartons up to 2.5m (98"). Optional telescopic control handles allow an operator to lift from stacks of 2.75m with ease.

Taped, strapped or open boxes present no problem to the Palamatic vacuum tube lifter.

If you need to lift several boxes together a Palamatic multi-vacuum pad tool does the job. Increased productivity and long-life durability is a reality with Palamatic low cost, low maintenance, high efficiency vacuum handling equipment.

SOLUTIONS INCLUDE

- De-palletising and Palletising of Boxes and Cartons
- Side Gripping of Boxes and Cartons where Top Lifting is not possible
- Multiple box lifting

BENEFITS

- Proven Health and Safety solution
- Efficient use of labour
- Effortless repetitive lifting
- Minimal running costs
- Increased operator safety & performance
- Increased productivity
- Low maintenance

FEATURES

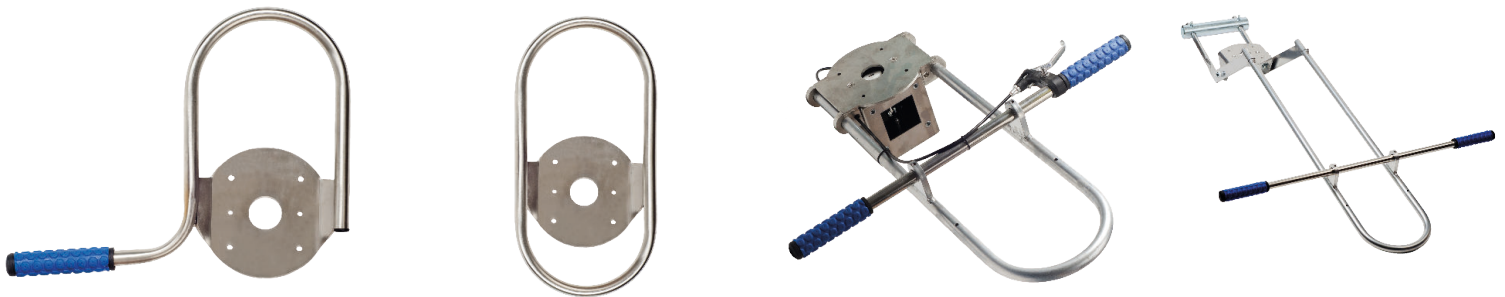
- Lifts weights from 5kg (11lb)-110kg (242lb)
- Single vacuum drive 75dB(A)
- Upper rotary coupling gives 360° rotation
- Heavy duty reinforced lift tube
- Robust & proven in arduous conditions
- In-built safety feature prevents load dropping
- Options for to use multiple suction feet for lifting different products
- Various suction feet styles available
- Range of gantry systems available

The S-LINE sack lifter range features a choice of Control Valves, Control Handles and Suction Feet options designed to handle a wide variety of applications. All valves, handles and feet are interchangeable in minutes, extended and flexible handles are available with counterbalance weights for increased operator control and comfort. Low headroom compact handles where height is limited can also be specified.

Manufactured in mild steel or stainless steel, the S-LINE box lifter range can also be supplied to hygienic grade for use in clean room, food and pharmaceutical environments.

HANDLE OPTIONS

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|------------------------------|------------------------------------|-----------------------|---|
| Single side handle | Oval shaped control handle | Extended reach handle | Extended & flexible reach handle |
| Left or right handed options | Full 360° rotation for ease of use | 550mm & 850mm options | 550mm or 850mm. Shown with optional counter balance |



SUCTION FEET OPTIONS

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|---|---|---|---|--|
| Fixed twin foot | Rectangle foot | Inline bellows foot | Twin foot | Bellows foot |
| Available in multiple sizes with options for mild steel or hygienic stainless steel | Available in multiple sizes as singles, doubles or quadruples | Available in multiple sizes as in-line or H-Frame to suit application | Available in multiple sizes with options for mild steel or hygienic stainless steel | Available in multiple sizes and with single, double or quadruple foot styles |



High Stacking



Side Gripper



Pallet Loading



Multiple Product