



Palamatic are the leading supplier of Vacuum Tube Lifting Systems to the Woodworking industry. Thousands of our solutions are in use on a daily basis

## Why choose a Palamatic Vacuum Tube Lifter?

Over 25 years experience, with UK based engineering, manufacturing, service and spare parts

Proven Health and Safety solution

Efficient use of labour

Eliminate costly claims

Effortless repetitive lifting

Minimal running costs

Range of finishes available

Increased operator safety & performance

Increased productivity and quality

Low maintenance

## Applications include

Loading and unloading Vertical panel saws, Beam saws, Dimension saws, Flat bed CNC stations Edgebanders and Laminators

Materials handled include MDF, MFC, Chipboard, Wood, Plywood, Sterling board, Plaster board and Polycarbonate

Handling boards, doors, furniture, staircases, planks, timber sections, laminate surfaces and cabinets

## Our equipment range includes:-

Vacuum Lifters for top board lifting

Vacuum Lifters for rotating boards

Vacuum Lifters for lifting boards with cut outs

Vacuum Lifters for high stacking

Range of Gantry systems to cover your production area

[www.palamatic.com](http://www.palamatic.com)



# Standard solutions tried and tested throughout the industry



Lifting sheets from stack and rotating through 90 degrees to load a Vertical Panel Saw. 180 degree rotation is also available for inspection with manual and pneumatic options



Lifting various shaped product with single suction pad



Lifting staircases



Lifting and turning doors using narrow suction pads



Knuckle Jib support gantry is suited to applications where there are restrictions to move around



H Style support gantry for covering large working areas. These will be floor roof mounted or cantilevered

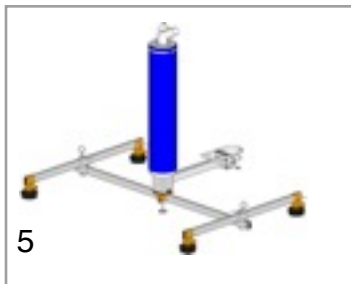
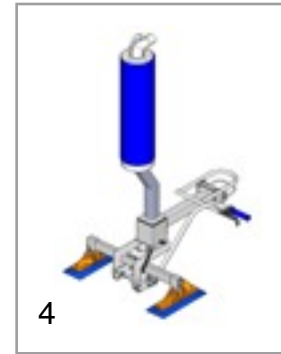
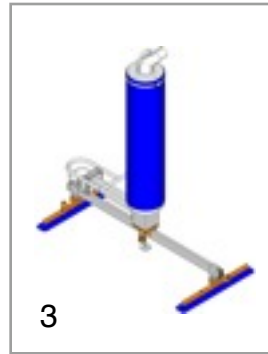
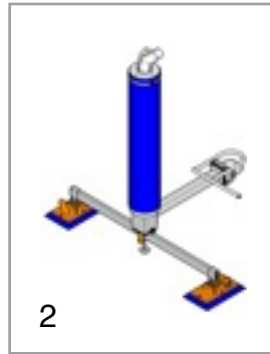
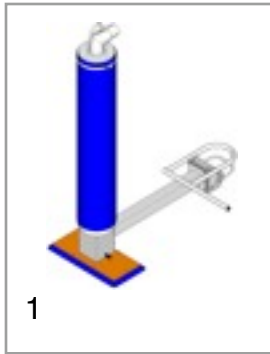


Swing Jib support gantry available from 2-5m

## Palamatic Vacuum Tube Lifter Features

- Systems lift weights up to 350kg
- The vacuum lifter is powered by a single vacuum drive 75dB(A)
- In-line filters protect the pump and heavy duty filters are offered for dusty environments within the Woodworking industry
- Palamatic use a stainless steel construction for the suction feet as standard
- Hard wearing suction cups and pads are used
- We offer three designs of control valve and handle
- Upper rotary coupling gives 360 degree rotation
- Heavy duty reinforced lift tube
- Robust and proven in arduous conditions
- In-built safety feature prevents load dropping
- Options for to use multiple suction feet for lifting different product
- Various suction cups and pads available
- Slewing and bridge crane systems to suit customer work space

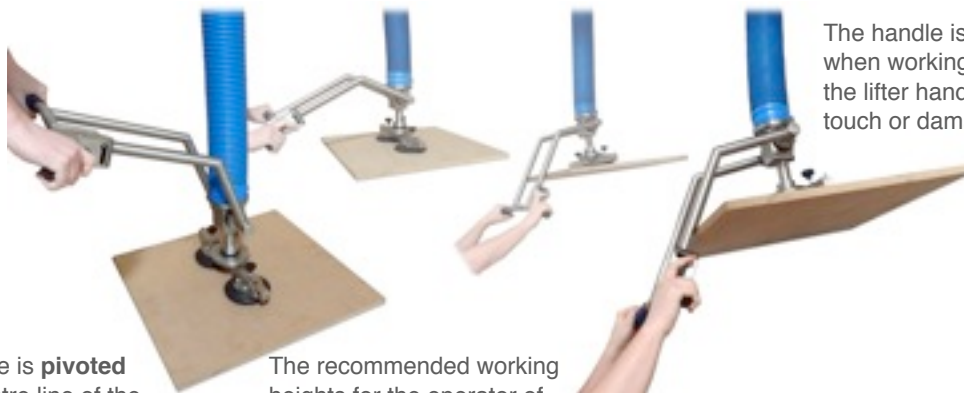
# End Effector Options



Choose between the various options of end effectors to suit your application perfectly

1. This single suction pad can be used for vacuum lifting on to the centre of any shaped product
2. Using 2 pads gives extra stability. The pads are adjustable and the end effector can also be supplied with four pads if required. The extension handle brings the operator clear of the board for ease of handling.
3. Using narrow suction pads allows vacuum gripping on door side strips. Pads are adjustable and can be included with 4 pads.
4. Vertical panel saw loading has become one of the most common woodworking applications in today's market place to save factory space and increase capacity. This end effector was designed specifically for this. Assisted release makes release of the payload a simple operation preventing sudden descent of the tooling
5. Bellows cups are ideal for lifting flat packs and boards due to their capacity to grip to any surface and to hold flat-pack cardboard as it flexes

## The New Palamatic S-Line High Flex handle brings a significant improvement for ergonomic lifting and stacking reducing effort and back strain



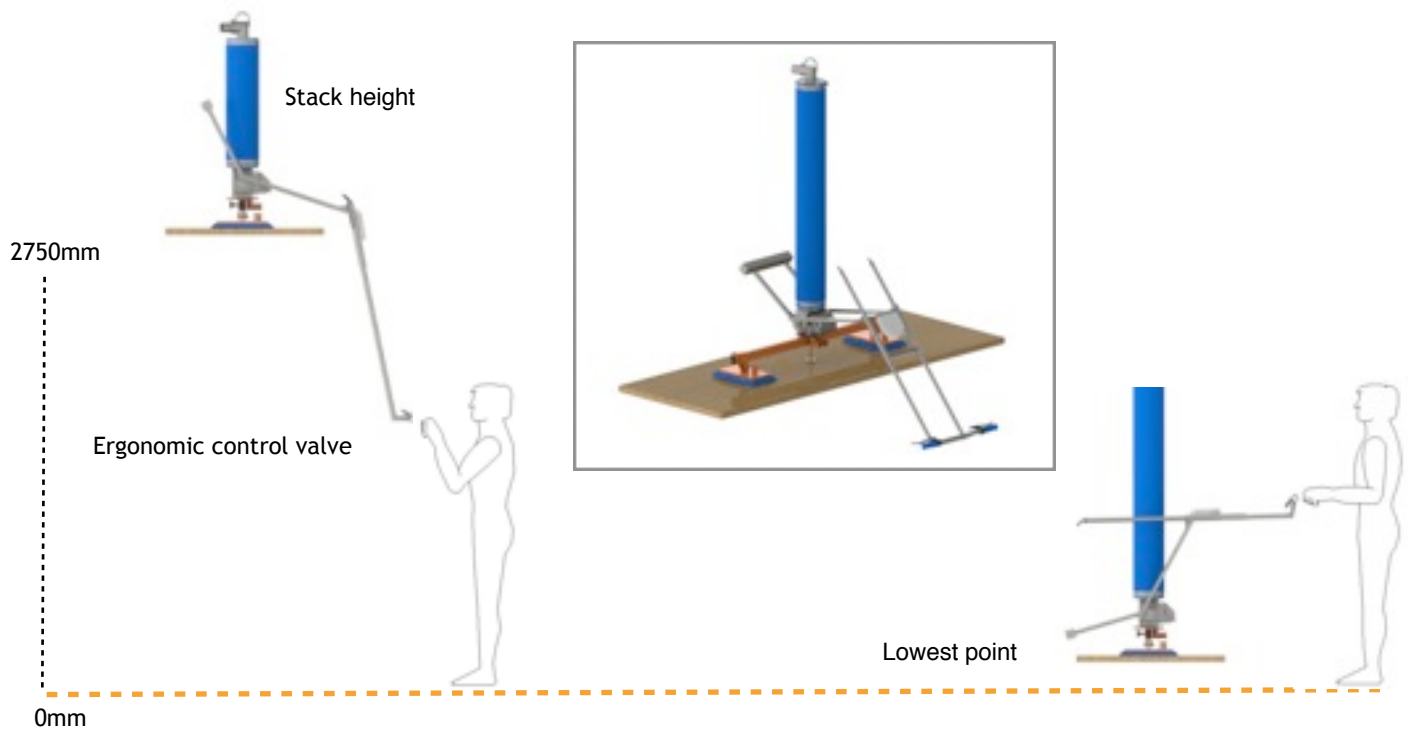
The handle is **pivoted** on the centre line of the lifter so the operator gains greater control when positioning the suction feet

The recommended working heights for the operator of 900-1200mm is achieved effortlessly with the new **Flex**

The handle is **cranked** so when working at high levels the lifter handle does not touch or damage the load

**Options available to upgrade your existing systems!!**

Palamatic High Flex Telescopic handle for stacking up to 2.75m saving on transport costs and important production and warehousing space



Get in touch!!



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**Palamatic**