



Woodworking Solutions

Engineered solutions for industrial wood processes

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?

- 30 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:

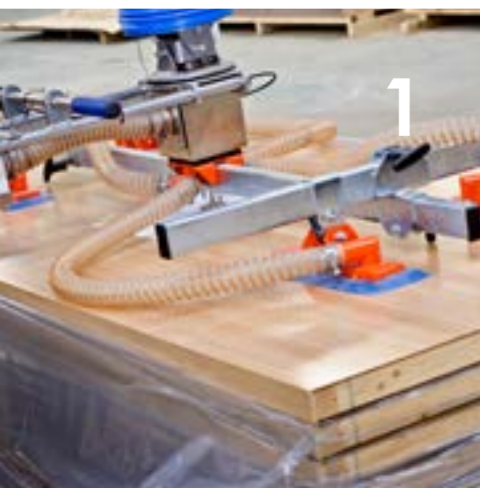
- Loading and unloading Vertical panel saws, Beam saws, Dimension saws, Flat bed CNC stations Edgebanders and Laminators
- Materials handled include MDF, MFC, Chipboard, Wood, Plywood, Sterling board, Plaster board and Polycarbonate
- Handling boards, doors, furniture, staircases, planks, timber sections, 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



WOODWORKING Solutions



- 1 **Suction Feet**
This application uses four suction feet in a fully adjustable 'H' layout to handle 10 x 5 sheets.
- 2 **S-Line High Flex Handle**
Significant improvement for ergonomic lifting and stacking reducing effort and back strain
- 3 **H Style Support Gantry**
For covering large working areas. These are floor mounted or cantilevered
- 4 **Knuckle Jib Gantries**
Suited to applications where there are restrictions to movement
- 5 **Swing Jib Support Gantry**
Swing Jib support gantry available from 2-5m
- 6 **Rotation**
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
- 7 **Up to 350kg**
Handle panels safely and securely to protect your workforce and your product
- 8 **Single Suction Pad**
Used for vacuum lifting on to the centre of any shaped product
- 9 **Double Suction Pad**
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
- 10 **Narrow Suction Pads**
Using narrow suction pads allows vacuum gripping on door side strips. Pads are adjustable and can be included with 4 pads
- 11 **Bellows Cups**
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
- 12 **Vertical Panel Saw Loading**
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



PALAMATIC CUSTOMER SERVICES

Palamatic has a dedicated Customer Services Department that is available to help with after sales care, so you can be sure that our service does not finish once you have purchased your equipment.



The Customer Services Department assists with:

- Spare parts for systems
- Service plans
- Gantry Inspections
- Operator training
- Technical advice
- Commissioning

PALAMATIC SERVICE PLAN

For total peace of mind our customers opt for the Palamatic Service Plan. This offers different levels of regular servicing dependant upon your needs and requirements.

All handling systems benefit from regular service. It keeps the equipment running efficiently, giving improved payback by extending product usage and ensuring both your workforce and product remain protected.

We offer a range of service plans that have been created to cater for the many different requirements of our customers. Our proposals make it easy to choose the service which is right for your company.

