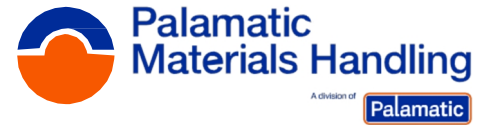


Lifting and Handling Solutions for the Woodworking Industry

Hasemer

Hasemer Materials Handling is the Australian Agent for Palamatic Materials Handling. We are able to provide the complete range of vacuum lifters for your lifting needs.



Together with our experienced distributors across Australia, we are able to design and supply a lifting solution that will improve your efficiency and safety.



What products do you need to handle?

- Boards
- Doors
- Furniture
- Staircases
- Planks
- Timber sections
- Laminate surfaces
- Cabinets
- etc...

Palamatic systems lift a wide variety of panel/board/sheet material...

- MDF
- MFC
- Chipboard
- Wood
- Tresper
- Plywood
- Sterling board
- Plaster board
- Polycarbonate, plastics
- etc...

Our equipment suits processes such as...

- Loading and unloading:
- Vertical panel saws
 - Beam saws
 - Flat bed CNC stations
 - Dimension saws
 - Edgebanders
 - etc...

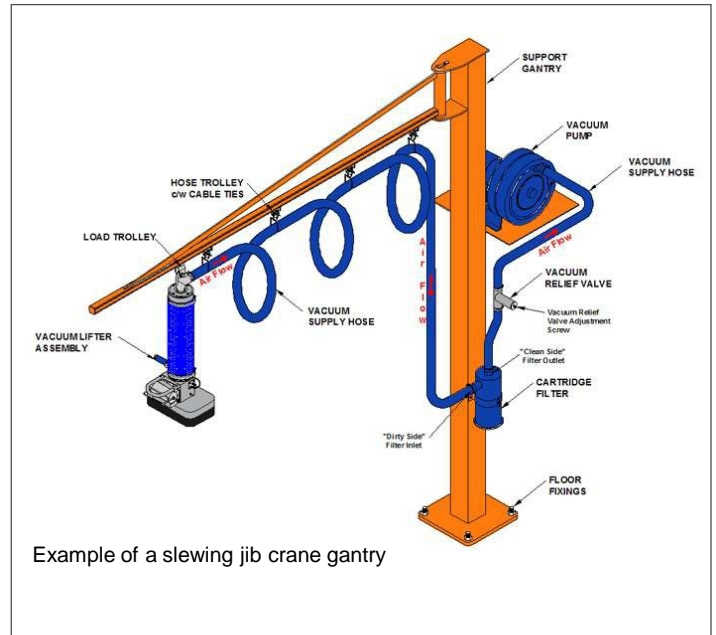
Palamatic lifting systems are tailored to suit your **product**, your **process** and your **working environment**.

Our equipment is based around a modular system that can be adapted to suit your particular requirements - but this doesn't mean you pay any extra.

With extensive experience in vacuum lifting, you will benefit from our expertise as our team assesses:

- the type of product that you need to lift
- the process you need to perform
- the area that the equipment needs to fit into (for example, even if the headroom is restricted - there may still be a solution!)

We have solved handling problems for many companies, just contact Hasemer for a no obligation site visit and free quotation to meet your manual handling requirements.



Our vacuum tube lifters can handle loads up to **350kg**. We will recommend other products from our range for weights above 350kg (see image below).

Our system **control handles** are intuitively easy to use.



Suction feet are recommended dependant on the type and weight of the load. This application uses four suction feet in a fully adjustable 'H' layout to handle 10 x 5 sheets.



For **weights over 350kg** we have alternative lifting systems available, pictured left is an Aerolift, which when combined with an electric or air hoist can handle weights up to 2T.



Swing jib gantries are particularly suited to processes such as this installation, where the operator is picking boards from stacks and placing them onto the machinery infeed bed. Swing jibs are available in lengths from 2 - 6m, the most common configuration being 4 or 5m lengths.



Knuckle jib gantries (articulated arm) are suited to applications where flexibility is required in manoeuvring eg if existing columns or pipework restrict movement of a regular slewing jib crane.

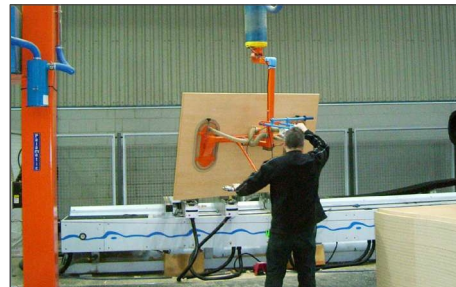
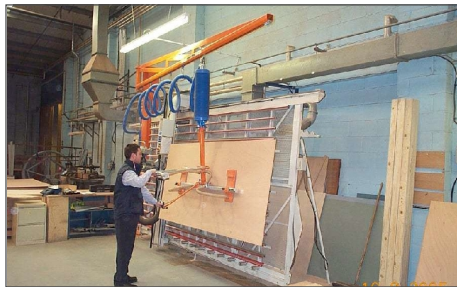


H style gantries are suited to applications where a larger working area has to be covered. For example, you may need to move from one end of a room to the other and load more than one machine. Cantilevered designs are available, which help to keep vertical support columns to a minimum allowing maximum operation working area for product stack delivery and removal.

Rotation options

Palamatic systems can incorporate rotation options meeting your requirements. We can offer manually or pneumatically operated features for **90°** and **180° rotation** of product loads.

90° Rotation



Pictured above are three examples of vacuum tube lifters complete with manual **90° rotation** features. The panels are picked from stacks and turned through 90° to load a vertical panel saw. The simple handle operation allows easy rotation of the board and enables them to position the board correctly.

180° Rotation



This application was designed specifically for the customer's requirements. These large panels had to be rotated after being lifted from the stack before placing them on the flat bed station.

The boards are pneumatically rotated from horizontal to vertical, placed into a 'toast rack' so that the operator can move around and lift the boards from the other side.

The boards are pneumatically rotated back to horizontal so that they can be placed on the flat bed station with the melamine face down as required.



This application is an example of a lifter with 180° rotation. These panels were particularly difficult to manhandle as the decorative covering produces a sharp edge. The panel is picked from the stack horizontally.

The board is easily rotated 180° by a single operator. (We also offer pneumatically powered 180° turner for panels/sheets weighing more than 100kg).

The panel is finally placed onto tressels and the vacuum grip is released from the underside surface.

Palamatic

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After Sales Customer Service

In conjunction with our experienced distributors, we are able to provide complete after sales care, so you can be sure that our service does not finish once you have purchased your equipment. We can assist with:

- Spare parts for systems
- Upgrades and refurbishments to existing systems
- Service plans
- Gantry Inspections
- Operator training
- Technical advice
- Commissioning



System Upgrades

Have your production processes changed since your lifter was first installed? Your system may be suitable for modification to suit your new requirements...

Do you need:

- To lift a heavier weight?
- To cover a larger working area?
- A different type of end effector/suction foot/hook/gripper?
- To manipulate your product (turn or rotate)?

We can assist in upgrading and modifying your existing lifter.



Hasemer

Hasemer Materials Handling

Hasemer Materials Handling has been helping businesses of all sizes in providing lifting and moving solutions since 1965.

We are the Australian distributors of and authorised service agents for:

- **GIS electric chain hoists, system cranes and vacuum sheet lifters.** Manufactured in Switzerland, the GIS range provide a high quality, robust and economical solution for workstation cranes;
- **Feltes Portable Gantry cranes.** Manufactured in Germany, the Feltes range provide a flexible solution for lifting materials in a variety of locations;
- **Palamatic Vacuum Tube Lifters.** Manufactured in the UK, the Palamatic range of vacuum tube lifters provide a cost effective solution for lifting sacks, bags, boxes, sheets of glass, MDF, steel etc;
- **Track-O Lift.** Manufactured in Canada by Movex Innovation, the Track-O range of safe stair climbers and motorised hand trucks are mobile, compact, and able to lift heavy loads over all terrains including ice and snow.
- **Hasemer Spring Balancers.** This range of spring balancers provides a cost-effective solution to supporting tools and loads for all situations.