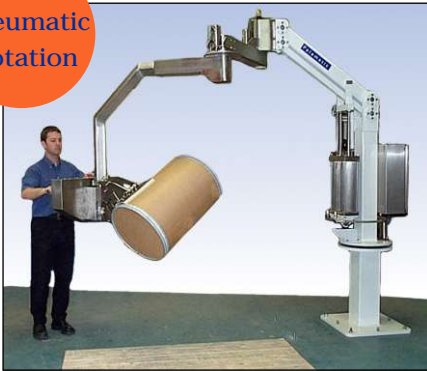


# Palamatic DRUM LIFTING

Handling systems for drums offered by TnT Handling USA, Inc.

Pneumatic  
Rotation



Manipulator

Pneumatic  
Rotation



Vacuum Lifting

Mobile  
Pour



Drum Tipper

Top  
Lifting



PneuLift

Side  
Gripper



Vacuum Lifting

Top  
Lifting



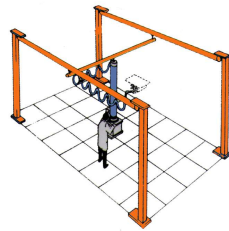
Vacuum Lifting

Palamatic are market leaders in the design and manufacturing of Materials Handling Equipment & TnT are one of their leading Representatives.

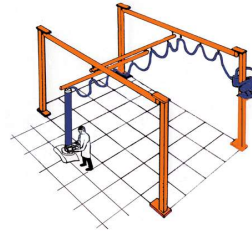
WHY CHOOSE TnT's Palamatic Lifts:

Even in these days of high technology operators are still faced with the task of manually manipulating drums of product onto pallet stacks and decanting in to discharge processes. By applying TnT's Palamatic handling systems to this industrial problem the load becomes weightless, providing total control for one operator.

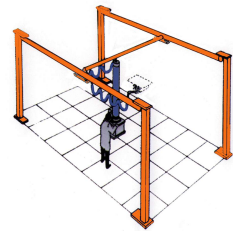
When product has to be emptied into a process from drums, our side lifting principle allows this operation to be achieved by rotating the complete suction/gripping assembly about the drums centre. The Factory have also designed the unique auto-balance feature to compensate for the change in drum weight during the pouring process. With manual, geared hand-wheel and pneumatically powered rotation options available, TnT can offer operators the ability to partially or fully pour the drums contents. Benefits of these lifting systems include; effortless lifting, increased productivity, increased operator safety and performance. All giving you a low maintenance, high efficiency system. Ergonomically the unit "feels like part of your arm, very smooth and easy to use," said one operator. And with comments like "It's spankingly gorgeous. Just the job!" and "This is the best equipment we have every installed," what better endorsement could be asked for?



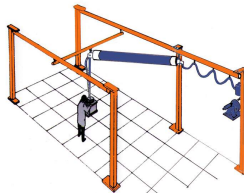
**'H' Style** - used for covering large working areas. Supported from either floor mounted support pillars or existing structural steel work.



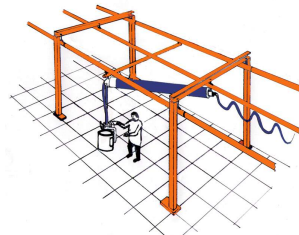
With **Telescopic Bridge Beam**, ideal for reaching into restricted areas.



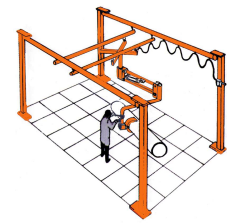
With **Raised Bridge Beam**, ideal in low headroom situations.



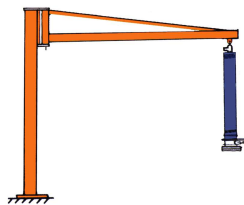
With **Extended Rail** to allow for Horizontal Tube Unit and vacuum hose bunching whilst maintaining large area coverage.



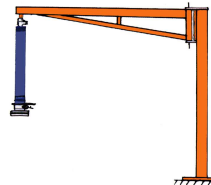
With three **Downtrack Rails** enabling the operator to cover larger working areas with a Horizontal Tube Unit.



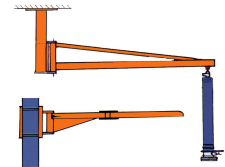
With **Dual Bridge Beam**, ideal for mounting of Manipulators.



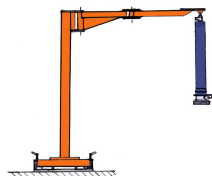
**Swing Jib Gantry** - most common system, supported here by vertical pillar. Capacity: 55kg - 500kg SWL. Reach: 2m - 5m.



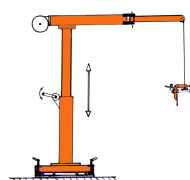
**Inverted Swing Jib Gantry** - ideal for low headroom situations. Capacity: 55kg - 160kg SWL. Reach: 2m - 5m.



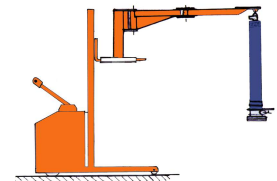
**Overhead, Stanchion and Wall Mounted** - fitted with swing, inverted or knuckle jibs. Capacity: 55kg - 160kg SWL. Reach: 2m - 5m.



**Mobile Jib Gantry** - uses swing, inverted or knuckle jibs. Fork lift or pallet truck options available.



**Mobile Crane System** - with telescopic pillar (hand winch operation). Shown here as low headroom option c/w knuckle jib, air balancer and gripper.



**Trolley Mounted Mobile** - uses shortened pillar with lifting guides of pedestrian or fork truck access. Shown here with knuckle jib and vacuum tube lifter.

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Introduced by:

TnT Handling USA, Inc.