

# REEL LIFTING

Palamatic handling systems for reels

**Palamatic**  
HANDLING  
*Systems*  
Limited

Heavy  
Loads



Hoist

Manual  
Rotation



Vacuum Lifting

Pneumatic  
Rotation



Vacuum Lifter

Pneumatic  
Roll  
Gripper



Vacuum Lifter

Internal  
Diameter  
Gripper



Vacuum Lifting

Core  
Gripping

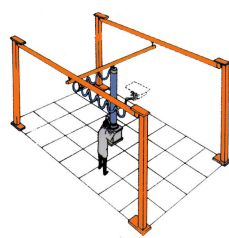


Manipulator

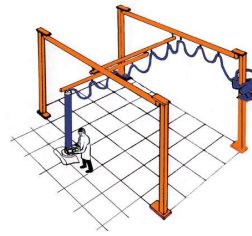
**MARKET LEADERS IN  
DESIGN AND  
MANUFACTURING  
OF MATERIALS HANDLING  
EQUIPMENT**

**WHY CHOOSE PALAMATIC?**

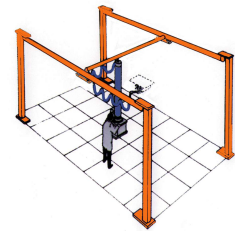
Reel/Roll handling poses many problems. Every day thousands of reels are taken off printing or converting machines to be stacked on pallets. At the other end of the production line this process is reversed. Reels can spiral when picked from the core using mechanical grippers and, in many cases, the reel has to be rewound. Occasionally this can mean a totally wasted reel. Damage to the edge of the reel is widespread when badly handled. As with all manual handling of heavy loads the operator cannot always protect the product if dropped or knocked against a work surface. The Palamatic reel manipulating systems solve both with specially designed suction feet to cope with varying diameters. Grip is achieved across all the windings which, when lifted prevents any spiralling occurring. Because the reel is now weightless the operator can exercise more care when manoeuvring it. With the addition of manual or pneumatically powered turning systems, the reel can safely and easily be turned through 90°. The benefits of Palamatic lifters include **effortless lifting, increased productivity, increased operator safety and performance.** All giving you a low maintenance, high efficiency system.



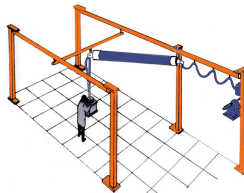
'H' Style - used for covering large working areas. Supported from either floor mounted support pillars or existing structural steel work.



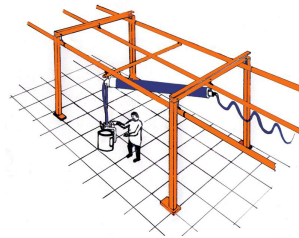
With *Telescopic Bridge Beam*, ideal for reaching into restricted areas.



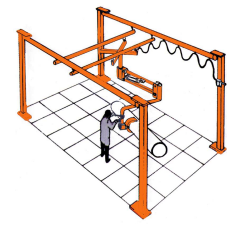
With *Raised Bridge Beam*, ideal in low headroom situations.



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.

**HEAD OFFICE**  
Palamatic Handling Systems  
Cobnar Wood Close  
Chesterfield Trading Estate  
Chesterfield  
Derbyshire. S41 9RQ  
England

Tel: +44 (0)1246 452054  
Fax: +44 (0)1246 451379  
Email: sales@palamatic.com  
Web: www.palamatic.com

**Palamatic Handling USA Inc**  
Tel: +1 610 701 6350  
Fax: +1 610 701 6354  
Email: tcarney@chesco.com  
Web: www.palamaticusa.com

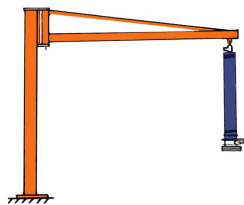
**Palamatic Handling Systems France**  
Tel: +33 299 860622  
Fax: +33 299 860810

**Palamatic Handling Systems India**  
Tel: +91 80 5484 733  
Fax: +91 80 5485 119  
Email: scorpio@bgl.vsnl.net.in

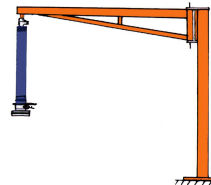
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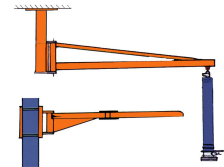
**Palamatic's worldwide sales network ensures that our expertise works for the company and its operatives**



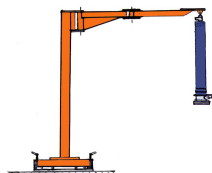
*Swing Jib Gantry* - most common system, supported here by vertical pillar. Capacity: 55kg - 500kg SWL Reach: 2m - 5m.



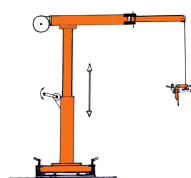
*Inverted Swing Jib Gantry* - ideal for low headroom situations. Capacity: 55kg - 160kg SWL Reach: 2m - 5m.



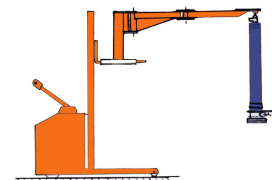
*Overhead, Stanchion and Wall Mounted* - fitted with swing, inverted or knuckle jibs. Capacity: 55kg - 160kg SWL Reach: 2m - 5m.



*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.

Introduced by: