

**FEATURES AND BENEFITS
TOTALLY ENGINEERED SOLUTIONS**

- Pneumatic operation
- Quiet operation
- Durable and Robust
- In-built safety system as standard
- CE Certification
- Vacuum, mechanical or pneumatic gripping attachments
- Lifting Capacity 5kgs to 300kgs (10lbs to 600lbs)
- Free standing, gantry mounted or portable/mobile

OPTIONAL FEATURES

- Visual and audible warning systems
- Stainless Steel finish

CONTROLS

- Pre-set weight
- Auto weight sensing
- Powered raise and lower
- Dual control options

PALAMATIC - YOUR No. 1 MATERIALS HANDLING SOLUTION PROVIDER



introducing the...

airlift range

MANIPULATOR

STREAMLINE DESIGN, PRECISION HANDLING

RANGE OF PNEUMATICALLY OPERATED HANDLING SOLUTIONS BY PALAMATIC



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VACUUM LIFTERS



TEST PLANT FACILITIES
Palamatic Test Plant Facility -
where seeing is believing!



CUSTOMER SERVICES

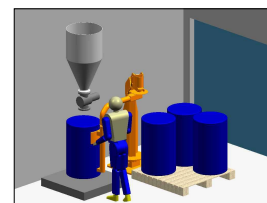
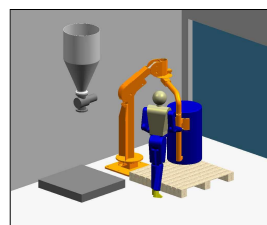
Palamatic's number one aim is to provide first-rate Customer Service. We are continuously reviewing our service programme to ensure it stays in line with our customers' ever-changing requirements. As each valued customer tends to have their own individual maintenance policy, we aim to offer a full range of services from installation through to long-term servicing which can be tailored to suit. Communication lines are developing at a fast pace and in the new Millennium we will be developing our existing web-site to be able to trade with our customers on the Internet. Customer loyalty schemes have also been introduced offering our top customers better deals for spare parts, servicing and future systems orders in return for their continued business.

When you contact our Customer Services Department you will be greeted with a friendly welcome and offered helpful assistance. We welcome feedback from our customers so that we can make improvements where necessary both within the Customer Service Department at Chesterfield, and also on site at your premises. The respect of our customers must be won by our good service - it is our aim to provide our customers with **more** than they expect.

FROM CONCEPT TO PRODUCTION -

**PALAMATIC INVEST IN THE LATEST
3D MODELLING PACKAGE -
SOLID EDGE**

Palamatic is an innovative company which invests heavily in Research and Development for all types of industry including Automotive, Pharmaceutical and Woodworking. Our simulation based design practices allow clients to assess form, fit and functionality of new products from concept through to working model. Working hand in hand with our design philosophy, Palamatic's 3-D Solid Edge Modelling package allows our customers to visualise the solution to their handling problem on screen. Before 'cutting metal' the design concept can be reviewed and agreed saving both time and money. Solid Edge is a computer-aided design (CAD) system for mechanical assembly, part modelling and drawing production. This coupled with DesignSpace5 delivers a powerful engineering tool that helps develop concepts, refine existing designs and test designs under a variety of real-world conditions. This package has proved invaluable, not only within the Engineering and R & D Departments, but also as a selling tool for the Sales Team and as a Marketing media for all types of promotional material.





Manipulator complete with reel core gripper and 90° rotation



90° reel Manipulator loading mandrel. Unit features special 'pushing' mechanism to positively feed reel onto machine mandrel



180° Manual rotation allowing operator to load and unload stainless steel bins in and out of washing process in a clean room environment.



This unit was designed to lift and pour the contents of a range of fibre kegs weighing up to 70kg directly into a reactor. The system requires compressed air for operation making it suitable for flameproof and zone 21 environments.



Manipulator handling cylinder head assemblies.



Manipulator handling turbo castings.



Manipulator lifting and rotating drums.



Overhead manipulator with dual controls which allow drum pouring at a high level. The system has a bead blast finish.



HRA type Manipulator lifting and turning sub frame assemblies for the Automotive industry.



Manipulator handling refractory bricks. Features additional reach cantilever with manual rotation built in to end effector. System is also mobile, via fork or



Computer server manipulated before final assembly. Both pneumatic and vacuum grip to ensure safe handling.



Inverted manipulator suitable for suspending from overhead steelwork. The system incorporated vacuum grip to easily handle a range of drums and sacks. This unit had a SWL of up to 210kg.