

Handling Solutions for the Pharmaceutical, Healthcare
and Fine Chemical Industries



cGMP Materials Handling Equipment for:

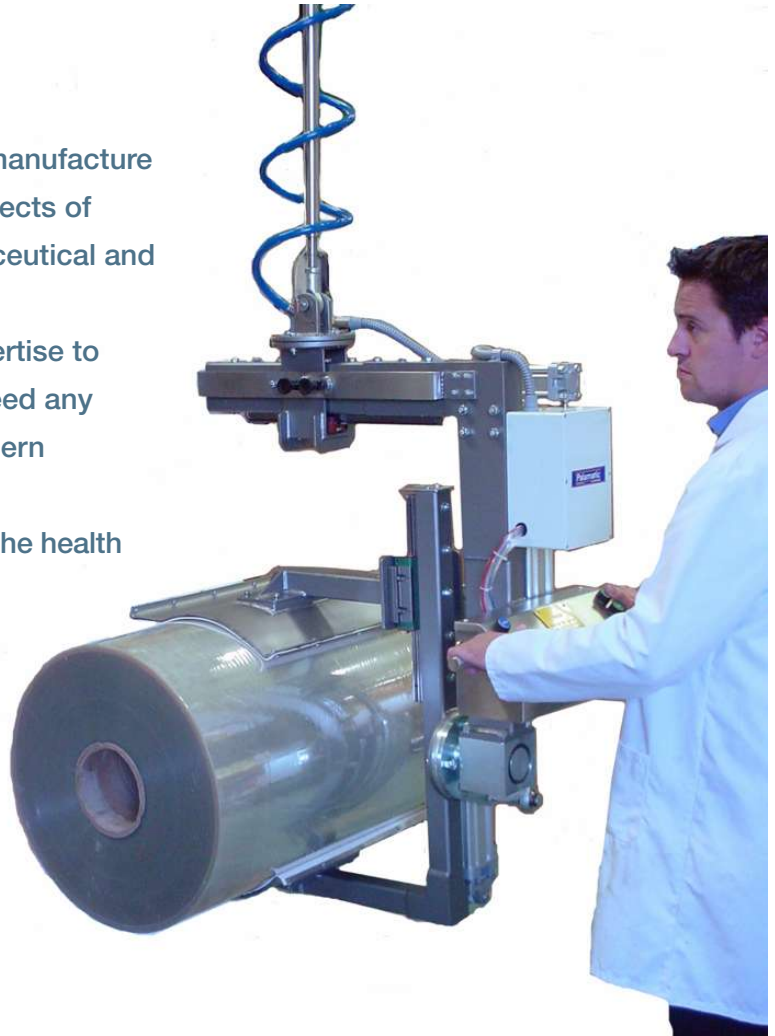
- Process Vessels
- Containment Booths and Isolators.
- Formulation and Tableting.
- Warehousing and Despatch.

Palamatic Handling Systems Ltd design and manufacture cGMP lifting and handling solutions for all aspects of manufacture related to fine chemical, pharmaceutical and healthcare industries.

Palamatic have almost 20 years of global expertise to apply to any drum, keg, sack, box, reel or indeed any lifting and handling application within the modern manufacturing environment.

Palamatic's primary concern has always been the health and safety of a workforce. The last four years has seen the proactive development of a cGMP materials handling range specifically for the pharmaceutical industry.

Palamatic's expertise extends from primary process chemical environments through secondary formulation and tableting, packaging and warehousing of chemical and pharmaceutical products.



Palamatic provide systems for the following pharmaceutical environments

Process Vessels

- Charging a Reactor
- Mixer
- Filter Dryer with solids, pastes and liquids.
- Palletising of kegs,
- Bags or boxes from mills
- Granulators or other types of discharged product from intermediate stage process equipment.

Containment Booths and Isolators

Found within all areas of a modern pharmaceutical plant, many handling applications arise. Examples:

- Sampling
- Sieving
- Subdivision/Batching
- Blending
- Dispensing/Discharging
- Weighing
- IBC Charging/handling
- FIBC discharging
- In-feed stations

Formulation and Tableting Areas

- Loading Presses
- Coaters,
- Mills,
- Tray dryers,
- Blister lines
- Palletising

Warehousing and Despatch Areas

Typically:

- Palletising of containers into batches,
- Pallet-to-pallet transfer
- Pallet to trolley transfer.



The equipment Palamatic applies is application specific, ensuring that any clients objectives are achieved in terms of specification, budget and time scale. Palamatics pharmaceutical range is manufactured at a level as good as the very latest ISO 9000 guidelines. Materials that can be validated are utilised throughout, design is always user friendly to aid the operator in today's complicated manufacturing environment.

The range comprises of:

Stainless Steel Manipulators and Pneumatic Hoists – PharmAssist™

Primarily designed to lift from a transport pallet, trolley or other transport device and transfer directly to the in-feed point, or directly discharge into a man-way, hopper, chute, or valve arrangement.

The PharmAssist™ family require only a clean, dry, oil free compressed air supply making them suitable for use within the most stringently classified/zoned areas. Suitable for loads up to 350Kgs

Fixed / Mobile Post Hoists – PharmaHoist™

Usually incorporates a unique flexible arm that allows a load to be lifted from any position i.e. off a pallet and manoeuvred to the desired location for charging process equipment. Loads from 20kgs to 1000Kg and vertical strokes from 500mm to 10m. Flexible arm reaches are load dependant.

The PharmaHoist™ family have many different end effector options including one that allows manipulation of containers with split butterfly valves for easy docking and valve protection

Fixed / Mobile Drum Tippers – PharmaTip™

Designed as a process aid in terms of tipping the contents of a drum. Also an ergonomic aid when used in conjunction with a containment booth ensuring the operators nose is in the recommended breathing zone when emptying. Manual and powered rotation options are available. Also supplied with discharge cones and valve arrangements. Enclosed options can be designed to accommodate any range of drum sizes.

The PharmaTip™ range often interacts with glove-boxes and isolators. This unit was designed with a drum forward advance feature, which allows the drum to positively seal onto the isolator

Hygienic Vacuum Tube Lifter – PharmaVac™

The worldwide market leader for this flexible cost effective technology. Safe filter change technology allows the filter to be removed, cleaned or incinerated at minimal risk to the operator. Different loads can be handled by changing the suction foot. Hygienic Tri-Clover couplings mean there are no tools required. PharmaVac™ typically aids the operator with the handling of porous loads such as sacks and boxes up to 100Kgs.

The PharmaVac™ utilises absolute filter technology. Classified clean rooms can have drawn air re-circulated thus not disturbing the balance of air flow.

Powered Stainless Steel Pedestrian Drum Truck - PharmaMove™

Cost effective solutions for the transportation and emptying of drums. A range of drums can be handled with the same unit at weights of up to 300Kgs and pouring heights up to 3000mm.

Also available is a range of simple trolley devices to aid the handling of packaging, reels, boxes and leaflets. Battery raise/lower or manual winch options. The range can handle loads up to 200Kgs.

The PharmaMove™ can remove drums from pallets transport through the factory before tipping the contents. Also suitable for hazardous areas and is cleanable by light pressure hosing.



PharmAssist™



PharmaHoist™



PharmaTip™



PharmaVac™



PharmaMove™



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

Palamatic Engineering services:

- Can include primary project documents, high level documents and functional documents in line with the level of association that the customer requires from Palamatic.
- From the project being awarded our activities incorporate all requirements of design build, protocol preparation, test and commissioning, on site qualification through to handover.

Customer Service in the 21st Century:

Palamatic's number one aim is to provide first-rate service to our customers. We constantly review our service programme to ensure we stay in tune with the demands of our customers. The feedback we receive is crucial to this service and we will never sit back and accept that we are as good as we need to be.

For the Pharmaceutical industry this means that important requirements for installation, commissioning and documentation take priority. It's our policy to give the customer more than they expect.

We offer:

- Service visits - which can usually be arranged within 2-3 days in the UK
- Service visits for overseas can usually be met within one week of request
- Service contracts are preferable to our customers who require regular maintenance work by our service engineering team
- Spare parts are usually despatched within 3-5 days of receipt of order . If we can we will try to despatch orders for standard parts on the same day
- Long-lead spare parts (i.e. 6-8 weeks) will be highlighted in our technical manual documentation and should be placed on order as soon after delivery of the system as possible
- Training of operators can be arranged to accommodate any shift changes and certificates are issued on completion of training
- Commissioning should be part of the initial contract but we can produce a separate proposal and carry out this work usually within 7 days of order being placed.
- Technical advice on all our products is available on-line. If you are unable to find the fault by using the Technical Manual's operational instructions we will assist you by telephone and arrange a visit by our service engineer if necessary .
- Operational and Maintenance Manuals incorporating 3-D exploded views for high level clarity.

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