



PalPharmaHoist platform lift designed to transport drums from a first floor level to a mezzanine platform by means of a raise and lower operation within an ATEX area.



PalPharmaHoist 500, pneumatically actuated raise and lower with manual pin lock slewing system and in built check weighing option

Typical applications for the PalPharmaHoist

Technical Information:

Suitable for drums up to 2000Kgs.
Suitable for up to 6000mm vertical stroke and 2000mm lateral transference dependant on weight of product.
Available in mild steel through to 316 stainless steel / Hastelloy
UK design and manufacture with CE approval

- Discharging product from a drum or FIBC into a receiving vessel at high level
- Discharging product from a drum or FIBC into a reactor thus alleviates the need for a platform
- Feeding product into a blender or mixer
- Feeding product into a dryer
- Docking a drum or IBC onto an Isolator or Tipping Station
- Feeding tablets into a tablet coater

- Tipping product within a Laminar Flow air hood to prevent dust contamination to the surrounding area
- Feeding packaging lines
- Docking split butterfly valves together with minimal downward force on the receiving half of the valve or the supporting structure
- Can be used in conjunction with a discharge squeeze funnel for high containment product transfer operations

FEATURES AND BENEFITS

- Dual handed operation with fail safe 'dead man' operation OR PLC OR EPROM control
- Raise, lower, rotate, advance, retreat, slew and return pneumatic and electric powered actuation options (no hydraulics)
- Suitable for ATEX environment to Zone1/21 T4 with documentation
- Static or mobile options
- Can be conveyor, wheeled dolly, vacuum lifter or manually fed
- 90°, 135°, 180° and 360° (blending) rotation
- 0-359 manual or powered lateral slewing
- Drum cradle options included over centre clamp, ratchet clamp, discharge cone, open base for wheeled dolly
- Can handle a range of product diameter, heights and weights
- Inner liner retention feature
- Operator controls can be located to customer preference
- Vibration on drum cradle to aid discharge of sticky product
- FDA approved gaskets and seals
- Heights and weights designed to suit the application requirements therefore no engineering and hence cost excess
- Loss in weight weighing system
- Can be equipped with a split butterfly valve for high potency transfer applications



PalPharmaHoist with simple fork and manual slewing arrangement, suitable for positioning PharmaBins over a variety of process equipment.



PalPharmaHoist 1000, electrically actuated raise/ lower with interlocked safety gates



Raise/lower electric PalPharmaHoist with manual slew and invert function specifically for process bowls.



PalPharmaHoist 250, pneumatically actuated with simple fork end effector for attachment to a variety of products.

OTHER PHARMACEUTICAL PRODUCTS OFFERED BY PalPharma Handling Solutions:

- Manipulators
- Hygienic Vacuum Tube Lifters
- Stainless Steel Crane Systems
- Pharmaceutical Pallet Trucks
- Drum Tippers
- Pre-application Design Feasibility Studies
- Drums and IBCs
- Ancillaries

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