



Ceiling mounted articulated arm with 360° continuous rotation. Used to lift various fibre drums from a pallet to a conveyor weighing 60kg. The drums enter a containment booth where the product is dispensed. Suction foot has vertical type seal for lifting lids with indents and ridges



Ceiling mounted articulated arm with 360° continuous rotation. Used to lift various fibre drums from a pallet to a conveyor weighing 60kg. The drums enter a containment booth where the product is dispensed. Suction foot has a flat seal for smooth lids shown loading a PALPharma cGMP roller conveyor which fed into a PalPharmaTip

Typical applications for the PalPharmaVac

- Discharging product from a drum into a receiving vessel
- Discharging product from a drum into a reactor
- Feeding product into a blender or mixer
- Feeding product into filter dryer
- Docking a drum onto an isolator
- Presenting the drum at an ergonomic height to sample product
- Presenting the drum at an ergonomic height to help protect the operator from potentially hazardous product

(containment booths)

- Tipping product within a laminar flow air hood to prevent dust contamination to the surrounding area
- Feeding tablets into a tablet coater
- Pallet to pallet transfer
- Pallet to PalPharmaTip™
- Lifting from a pallet and discharging product
- HSE manual handling compliance

PRODUCT INFORMATION FOR PALPHARMAVACS™

TYPICAL PRODUCTS HANDLED:

- Sacks (plastic/paper/polywoven/hessian)
- Boxes
- Drums (plastic/fibre/stainless steel)

LOAD CAPACITIES:

Up to 100kg

REACH:

1 - 4m

FINISH OPTIONS:

304 to 316L cGMP.

- Lightweight and hand demountable design to ensure low maintenance and easy clean procedures (no tools necessary)
- Incorporates special filtration system which means no downstream contamination of components.
- Vacuum source can be electrical or pneumatic to noise levels as low as 75 dBA. Suitable for flameproof environments.
- Wipe down lift tube cover.
- FDA approved material on all suction feet.
- Drum rotation available, can be manually or pneumatically powered.
- Bespoke designs to suit low headroom environments.
- Safe change filter station.
- Suitable for ATEX environment to Zone1/21 T4 with documentation



Simple 25kg paper sack lift. Designed for use within a containment booth.



PalPharmaVac™ handling sacks, drums and boxes up to 50kg in a batch assembly area. The PALPharmaVac™ is mounted from a ceiling supported crane gantry measuring 20x4m. The products are lifted from dirty pallets on one side of the room to clean pallets on the other.



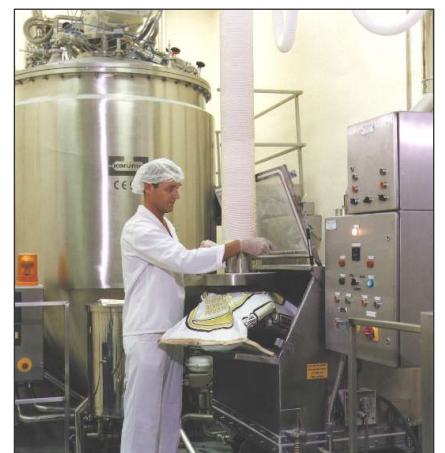
PalPharmaVac™ handling fibre drums, plastic kegs and sacks supported from a 3m (10') stainless steel ceiling mounted articulated crane. PalPharma Handling Solutions unique low headroom hygienic lifter ensures the operator can achieve the required lift heights within restrictive environments as shown above in a downflow booth.



PalPharma Vac™ installation in USA to side lift drums with a simple pin lock out rotation, within a weighing area.



PalPharmaVac mounted on a cGMP stainless steel crane system with all moving components externally mounted for easy clean down and maintenance. Rollers bearings are made from non particle shedding co-acetal polymer. The rails are suspended build up that there are no flat surfaces to allow dust build up. The crane system is available with a variety of finishes and sizes to suit all budgets.



Wall mounted swing jib arrangement and PalPharma Vac™ handling sacks from a pallet into a sack tip booth.



Installation in Puerto Rico. Interchangeable end effector to lift sacks and pour drums within a containment booth



Fibre keg, plastic drum and sack handling PalPharma Vac™ supported from a ceiling mounted 360° rotational articulated arm, manufactured in 304 stainless steel.

Introduced by: