

Lifting and Positioning Device (LPD)

Lifting, Handling, Transfer

Lifting is custom designed to lift units and position any type of container. The Lifting & Positioning Unit / IPC Bin loader is used to transfer and discharge the material dust-free and without human touch in pharmaceutical industries for Load powder into RMG/Tablet compression machine/Coating..Etc.



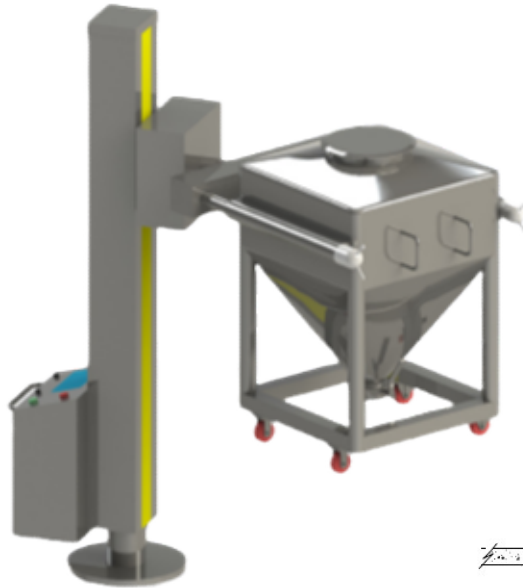
For different types of drum, container, volume

Features:

- Suitable for clamping drums/ cylindrical containers lifting and tilting arrangement.
 - The clamping arm is flexible therefore drums of different diameters can be matched in the arm
 - Column can be mounted in the top end at ceiling support
 - Gear box used for the lifting operation
 - Compact and high operation design
- The clamping operation can be done manually with help of a mechanical lead screw and an additional hook to ensure complete positive locking.
 - The lead screw to be motorized to ensure locking in an auto mode to ensure that the drum/container does not get damaged due to excessive pressure goes beyond the required limit of the motor trips
 - Sensor based safety device

Working:

The machine is mainly composed of column, control panel and hydraulic lifting system. Powder/tablet bin is the lifted with the hydraulic jack mechanism up to desired transfer height, butterfly valve given on bin control the on/off movement of the bin. It has vertical up & down movement and rotary 180° swivel movement



The machine rigid solid structure made up of special channel steel. The lifting and driving system adopts driving modes such as hydraulic lifting or mechanical lifting, etc. Anti-falling mechanism ensures the safe operation of the lifter. It optimizes production processes, lowers labour cost and reduces product dusting. It meets FDA/cGMP requirements.

