

ELEVATOR

LIFTING & POSITIONING DEVICE
Mechanised transfer system
with dust containment



CE

TAPASYA

ELEVATOR is custom designed to lift and position any type of container. These units are constructed using various standard assemblies which offers individual solution to each application of solid dosage manufacturing and also for liquid compounding operation. This system evolved to achieve dust free transfer of in-process materials enhancing cGMP standard, and simultaneously eliminating laborious manual operation.

Elevator operates by engaging the container to a semi circular / single hook / fork type / platform, lift arm attached to a column. The container is then raised or lowered by hydraulic system with built in safety parameters.

The four point contact bearing on the column base with a low resistance factor makes it possible to position loaded container by hand radially, to discharge the contents in the process equipments.



SALIENT FEATURES

- ! Closed Column construction with floor and ceiling fastening, also available in self standing pivoted execution
- ! Material of construction is SS and MS column/SS column
- ! Adjustable mount stop
- ! Double acting in-house manufactured Hydraulic Cylinder with 3 stage Fail safe seals. The cylinder is designed for an operating pressure of 100 BAR.
- ! Hose burst protection system installed on the Cylinder making it fail safe.



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- ! Solid Machined trolley made out of 30 MM Machined Frame.
- ! 2 nos 8 MM Ø S304 Wire ropes instead of chain.
- ! Lift Lock for safety provided.
- ! Imported Mono Block Power Pack zero maintenance.
- ! All control Cabling and rigid piping included with the machines. Due to Rigid Piping chances of leakages are eliminated.
- ! CE Certified meeting 19 EN specifications.
- ! Meeting all European safety standards.
- ! Provision for the Vibratory Sifter/Mill to be electrically connected Built-in. Thus eliminating the cables running on the floor. Better safety and GMP.

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APPLICATIONS

Charging of :

- ! Sifters
- ! RMG (SAIZONER)
- ! Compression Machine
- ! Blister Packing Machine
- ! Blenders
- ! Strip Packing Machine
- ! Mixing Vessels

OPTIONS ON REQUEST

- ! All parts in Stainless Steel.
- ! Special column height (> 4 mtrs).
- ! Free standing (rigid) design.
- ! Customized designs.
- ! Mobile Design for upto 100 Kgs. load.



Specification and technical data are subject to change without prior notice



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