



Handling of
CARTONS

Vacuum Lifting Device: Jumbo FLEX



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Features at a glance

- Single handed operation for left or right handed operator
- Capacities of 20kg, 35kg and 50kg
- Quick change of grippers with no tools required
- Ideally suited to quick movement of cartons e.g. from conveyor to pallet

Jumbo FLEX – Quick Change



Jumbo FLEX – 2 & 4 Pad Grippers



Double vacuum gripper

For stapled, glued, strapped or open cardboard boxes as well as small wooden boards.



Quadruple vacuum gripper

For large cardboard boxes, wooden boards and other flat workpieces.

Jumbo FLEX 50 – Multi Gripper



Benefits:

- Handling of various size cartons without the need to change the gripper
- Cups can be over the edge of the carton and not lose grip
- Poor quality or uneven carton surfaces can be gripped



Jumbo FLEX – Other Grippers



Round vacuum gripper

For compact goods such as cardboard boxes, barrels, buckets, jugs and cabinets.



Box gripper

For transport and storage boxes from all commercial manufacturers (VDA 4500 standard).



Suspension hook

For mechanical suspension of buckets, jugs and other workpieces with a point from which to hang.

Jumbo FLEX – High Stack



Vacuum Lifting Device: Jumbo ERGO




Vacuum Lifting Device: Jumbo ERGO



Features at a glance

- Large and heavy cartons can be handled by a single operator
- Capacities from 35kg to 200kg
- With optional quick change plate, grippers can be changed without the need for tools

Jumbo ERGO – Modular Gripping System



Aluminum main beam

- Integrated vacuum feed, connection element and workpiece detection
- Easy mounting and moving of cross beams and suction pad holders

Aluminum cross beam

- Two parts including cross beam connector, thus reduced height

Suction pad holder

- Flexible mounting to main or cross beam
- Suction plates rotatable by 360°, lockable in 30° increments

360°

Design of the suction pad holder

- Rigid, jointed or jointed and spring-loaded
- Universal connection of suction plates

Suction plates

- Adapted to the workpiece and handling task (horizontal or 90° swiveling)

Jumbo ERGO – Options



Radio Remote Control SRC

Save up to 40% in energy with the push of a button

With the radio remote control SRC, you can directly switch off the vacuum generator on the operator handle when not in use and then back on again. The radio remote control is activated by a simple button push and needs no energy source due to an integrated solar cell.



Quick-Change Adapter SWA

Instantly switch vacuum gripper

The quick-change adapter SWA allows you to quickly and easily switch the vacuum gripper on your tube lifter in order to adapt to changing workpieces.



Swiveling Unit PSE

Swivel workpieces by 90°

With the push of a button, the pneumatic swiveling unit PSE allows the user to swivel workpieces weighing up to 120 kg securely and in an ergonomic fashion.

Jumbo ERGO – Options



Rotation Unit DE

Continuously rotate workpieces

With the rotation unit DE, vacuum-gripped workpieces weighing up to 200 kg can be continuously rotated and positioned precisely.



Movable Operator Handle

Maximize stack heights

High stacking heights are no problem with the movable operator handle (only for JumboErgo). An optional locking mechanism allows it to be fixed at different angles.



Venting Unit BEL

Instantly release workpieces

The venting unit BEL allows non-porous workpieces to be released from the vacuum gripper and set down.

Jumbo ERGO – Options



Silencer box SBB

Reduce the sound level

The silencer box SBB reduces the sound level of the vacuum generator to 65 dB(A) and protects it from outside dirt. It can be easily mounted on the optional blower mounting platform.



Dust Filter STF

Protection against dirt

The dust filter STF keeps dirt particles away from the vacuum generator and is always recommended to protect the generator. An optional differential pressure monitor with a signal lamp indicates when the dirty filter has to be changed.



Hose-Cylinder Extension SZV

Reach into deep containers

The hose-cylinder extension SZV enables ergonomic loading and unloading of containers such as lattice boxes.

Factory Cranes – Jib Cranes



Jib Crane & Hoist

Column Mounted Jib Crane



Jib Cranes

- Top braced
- Low headroom
- 270 degree slewing
- 360 degree slewing
- Steel or Aluminium arm
- Articulated arm
- Manual slew or motorised

Factory Cranes – Track Systems



Cantilevered Track & Hoist

Track System & Vacuum Lifter



Gantry Cranes / Low friction

- Steel, Aluminium or Stainless Steel track
- Freestanding
- Ceiling mounted
- Cantilevered