

WOLIFT

Vacuum Tube Lifters

Vacuum Handling Expert





• **Heavy loads with just one hand:** the WO-QGDD is the first one-hand tube lifter that can lift up to 75 kg.

• **Intuitive functionality of the operating handle for quick familiarisation of the user.** The operator can familiarise himself with the device within a very short time.

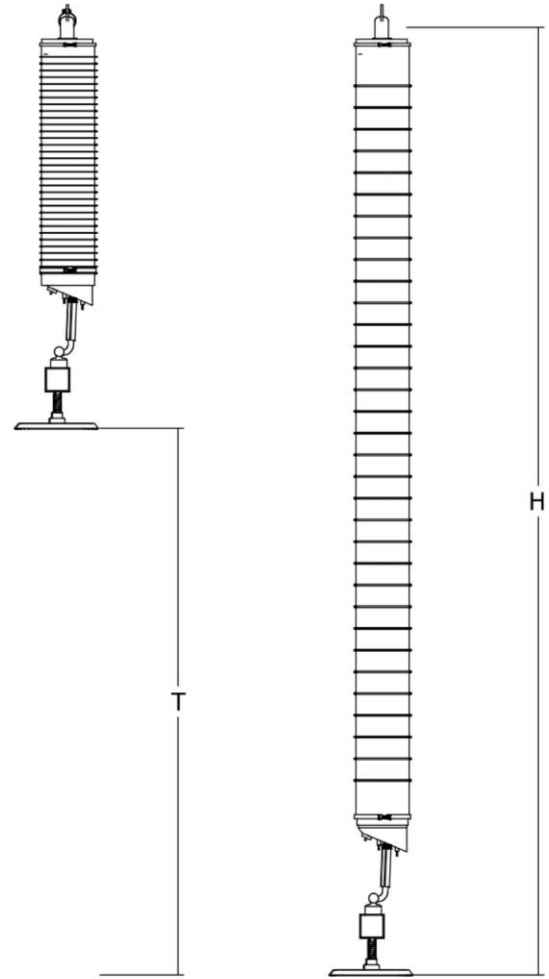
• **Maximum flexibility and optimum adaptation to working conditions and lifting goods** thanks to the modular design of the lifting unit and suction pad

• **Absolute all-rounder:** Whether cartons, bags, canisters or barrels - the integrated quickrelease coupling and individually selectable vacuum generators mean that almost anything can be lifted with just one device.

• **Extremely comprehensive equipment of the basic product** including quick-change coupling, motor protection switch (protects vacuum generator from winding damage), integrated quick-release function (uncoupling function), function for 360° rotation in the horizontal and 90° tilt function (to grip lifting goods in the vertical and move them in the horizontal).

• **Parking of the suctioned lifting goods possible in different positions** due to patented valve technology

• **Enormous increase in productivity and efficiency** thanks to light weight, robustness and high performance

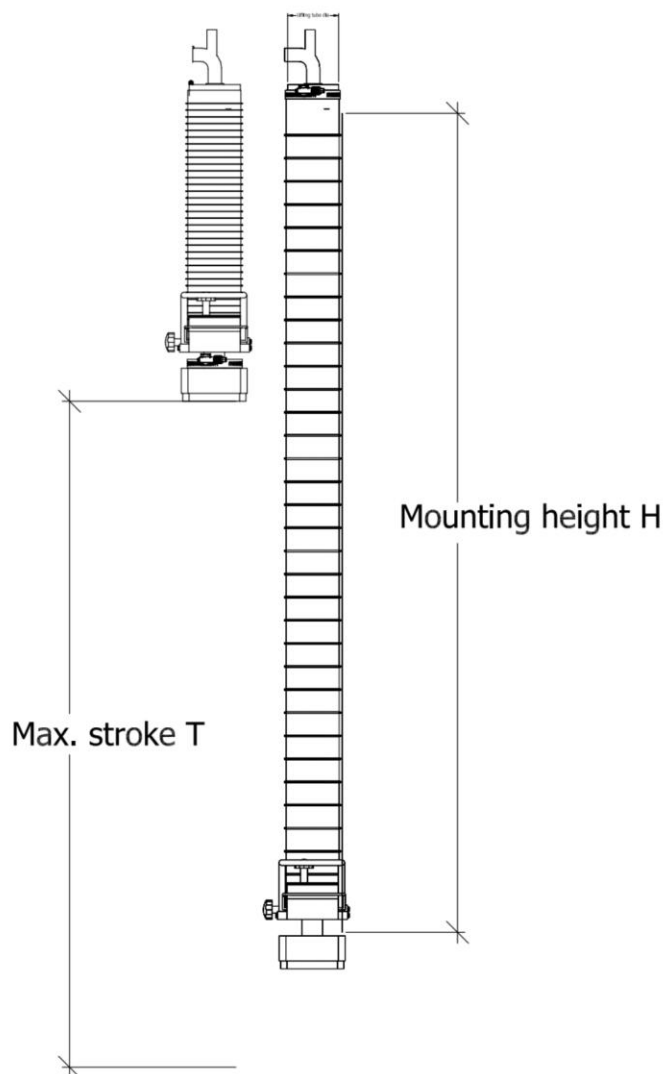


Model	WO-QGDD-100	WO-QGDD-120	WO-QGDD-140	WO-QGDD-160
Maximum load capacity: KG	30	45	65	85
Lifting tube dia (mm)	100	120	140	160
Mounting height H(mm)	2500/4000	2500/4000	2500/4000	2500/4000
Max. stroke T(mm)	2500/4000	2500/4000	2500/4000	2500/4000
Lifting speed:m/min	60	60	60	50

Equipment load capacity depends on the air permeability of the workpiece. For specific selection, please consult our professional engineers.



- **An absolute all-rounder:** whether cartons, bags, canisters, barrels or even flat goods such as OSB or steel panels - thanks to the integrated quick-release coupling, almost anything can be lifted with just one device.
- **Optimum safety for heavy loads of up to 300 kg,** as the system can be guided with both hands.
- **Intuitive functionality of the operating handle** for quick familiarisation of the user. Within a very short time, the operator can familiarise himself with the device.
- **Maximum flexibility and optimum adaptation to working conditions and lifting goods** thanks to the modular design of the lifting unit and suction pad
- **Robust design:** The housing combines lightness with high robustness and is therefore extremely resistant to external influences.
- **Individually configurable for the respective work situation** thanks to different operating handle lengths
- **Extremely comprehensive equipment of the basic product** including quick-change coupling, motor protection switch (protects vacuum generator from winding damage) and integrated quick-release function (uncoupling function)
- **The suctioned lifting goods can be parked in different positions** thanks to innovative valve technology.
- **Enormous increase in productivity and efficiency** thanks to light weight, robustness and high performance



Model	WO-QGDS-100	WO-QGDS-120	WO-QGDS-140	WO-QGDS-160	WO-QGDS-180	WO-QGDS-200	WO-QGDS-230	WO-QGDS-250	WO-QGDS-300
Maximum load capacity: KG	30	45	65	85	105	130	175	205	250
Lifting tube dia (mm)	100	120	140	160	180	200	230	250	300
Mounting height H(mm)	2500/4000	2500/4000	2500/4000	2500/4000	2500/4000	2500/4000	2500/4000	2500/4000	2500/4000
Max. stroke T(mm)	1750/2750	1750/2750	1750/2750	1680/2690	1680/2690	1680/2690	1680/2690	1680/2690	1680/2690
Lifting speed:m/min	60	60	60	50	45	35	35	35	35

Equipment load capacity depends on the air permeability of the workpiece. For specific selection, please consult our professional engineers.



WOLIFT vacuum tube lifters for bags and sacks help operators lift, transfer, palletize and unload paper sacks, woven bags and plastic bags safely and efficiently.

Suction feet

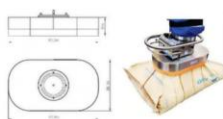
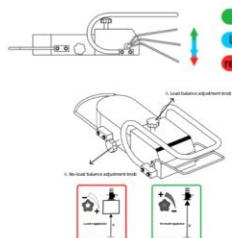


Standard handle

– to accommodate different load heights.



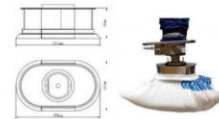
Extended handle



Stainless steel suction cup (240x420 mm) with a soft foam sealing ring, suitable for rough surfaces.

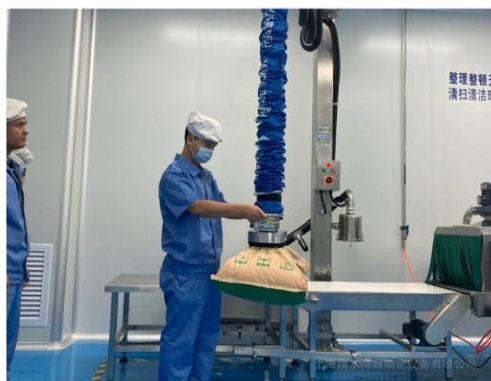


Carbon steel suction cup (190x370 mm) with a sealing skirt; suitable for bags prone to pressure leakage.



Stainless steel suction cup (190x370mm) with white silicone seal; suitable for food-grade environments.

Applications



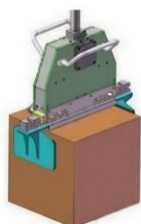


WOLIFT box tube lifters handle cartons, wooden boxes, suitcases, and box-type products safely and effortlessly.

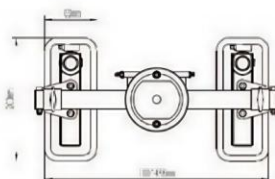
Suction feet



Porous sponge suction cup suitable for various sizes, featuring a 200kg lifting capacity and the ability to automatically shut off suction for sections not in contact with the workpiece.



Mechanical gripper, maximum 100 kg.



Double suction cups, 85 × 200 mm; suction capacity: 50 kg.



4-cup suction pad 85×200mm, suction force 100K

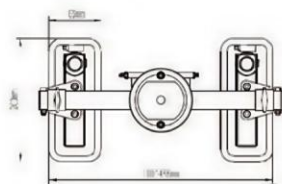
Applications





WOLIFT vacuum tube lifters for wood boards, MDF panels, plywood, cement boards and selected precast cement products help operators lift, transfer and stack heavy building materials safely.

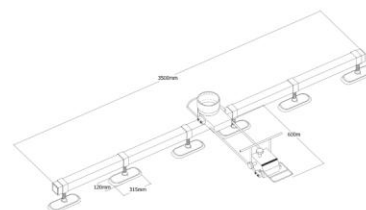
Suction feet



Double suction cups, 85 × 200 mm; suction capacity: 50 kg.

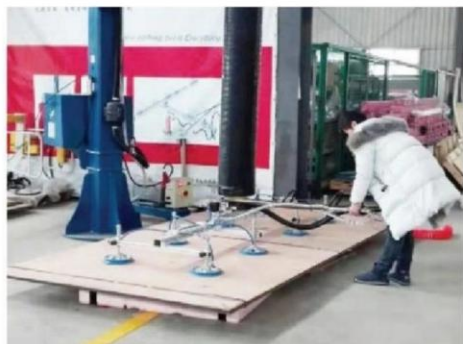


4-cup suction pad 85×200mm, suction force 100K



Single-row layout for lumber handling.

Applications





WOLIFT vacuum tube lifters for wood boards, MDF panels, plywood, cement boards and selected precast cement products help operators lift, transfer and stack heavy building materials safely.

Suction feet



Two 200mm-diameter suction cups for gripping two oil drums.



A specially designed suction cup with a diameter of 554 mm can be used to grip 270 kg iron or plastic drums.



One suction cup with a diameter of 200 mm



Custom hooks for square buckets lacking a surface suitable for suction cups.



Handling of 300kg large drums

Applications



- **Standard pillar-mounted jib:** Easy to install, compact footprint, low investment; typical arm length of 3m (max. 6m), lifting capacity of 80–250kg.
- **Underslung jib:** Suitable for low-clearance installation spaces; maximizes effective lifting height.
- **Mobile jib:** Easy to relocate; suitable for intermittent operations across multiple workstations.
- **Bridge-style rail system:** Smooth operation, low inertia, covers multiple workstations; higher cost; movable main beam spans 2–6m, fixed main beams can be spliced, recommended air hose length $\leq 30\text{m}$.

