



WE CREATE YOUR
ERGONOMICS



WHAT IS A LIFTING TUBE

The lifting tube was invented in the 1980s. This equipment is like a big vacuum cleaner.

The vacuum pump creates the suction (negative pressure). The handle is used to regulate the level of pressure and thus lets you choose whether the hose should contract or extend. This enables the raising and lowering of the load being handled.

The pressure is regulated by pressing the handle control; the operator can

continuously allow air into the system, and thus determine whether the hose is raised or lowered.

The negative pressure in the lifting tube is the same pressure that allows the vacuum device to hold the load.

The vacuum lifting beam is designed to continue to hold the load even when air is introduced into the system.

Standard **EN 14238**, is applicable to these lifting devices.

ADVANTAGES OF LIFTING TUBES

Security

- **Non-return valve** at the top of the tube to block the air in the event of a power failure.
- **Dust filter** to protect the vacuum pump.
- **Reinforced lifting hose**, double thickness and with a wire insert.
- **Optional hour-meter** for enhanced machine maintenance management.

Ergonomics

- **One-handed operation** (QL version).
- **Left-right handle** can be used by all operators.
- **Control handle tilted 27°** to offer a more natural position for the hand.
- **Off-load adjustment wheel** allows the gripper stand-by position to be adjusted to suit any operator's morphology.

Flexibility

- **Installation on jib or overhead cranes** to adapt perfectly to the dimensions of the working area.
- **A wide range of equipment** scalable to meet your evolving professional requirements.
- **Customised tools** offer solutions for all loads and site constraints.

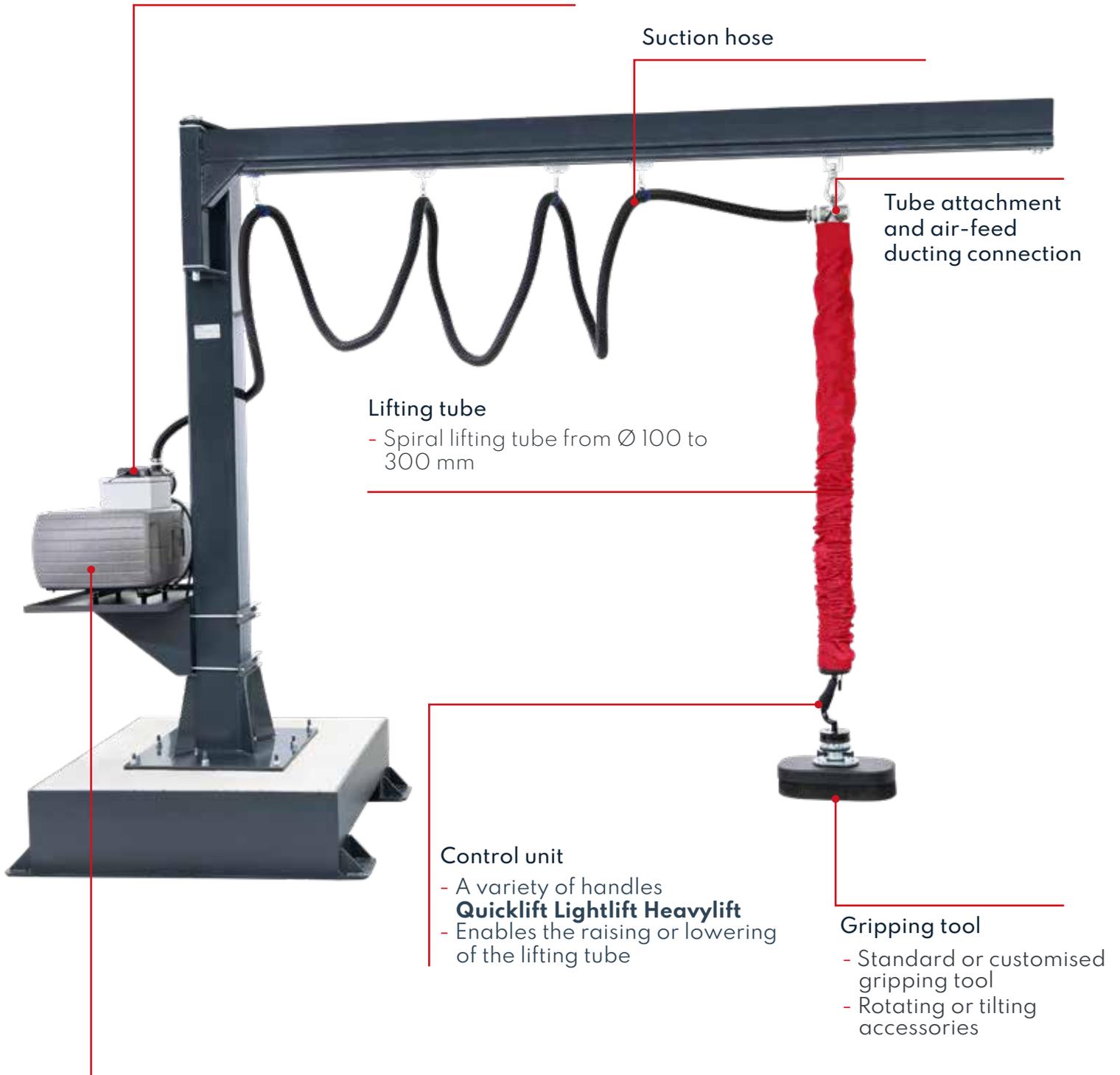
Your productivity

- **Release valve** enables faster release of the load.
- **The elimination of load carrying** reduces operator fatigue and maintains productivity throughout the shift.
- **Gripping-tool quick change kit** enables the use of the same tube for several tools.

COMPOSITION OF A COMPLETE LIFTING SYSTEM

Protection & filters

- Electrical protection for the pump and wireless activation control box
- Dust collection filter



Vacuum pump or air suction turbine

A COMPLETE RANGE WITH A WIDE CHOICE OF TOOLS

- Our lifting tubes can lift, tilt and rotate loads of between 35 and 270 kg, to a height of up to 2 metres, effortlessly and safely.
- Our lifting tubes are available in aluminium and painted steel or all stainless steel.
- REGLIFT offers specially adapted standard tools for lifting tubes, catering for all your customers' requirements.

9. Lifting tube sizes

7. Types of handles

6. Vacuum pumps



ROUND SUCTION CUP



SUCTION CUP FOR BAGS



RECTANGULAR SUCTION CUP



CRATES LIFTER



4-CUPS LIFTING FRAME



ADJUSTABLE SUCTION TRAVERSES



CLAMP SUCTION SOLUTION



6-CUP LIFTING FRAME



HOOK ADAPTER



CLAMP GRIPPER



CUSTOMISED SUCTION FRAME



BARREL TURNER



TILTING DEVICE FOR REEL



TILTING SUCTION TRAVERSE



H-SUCTION TRAVERSES

OUR VARIOUS MODELS OF LIFTING TUBE



Quicklift Stainless Steel Steel



Quicklift 90 Stainless Steel Steel



Stacklift Stainless Steel Steel

- Available in lifting tube diameters: Ø100 - Ø120 - Ø140 mm



Lightlift Stainless Steel Steel



Lightlift VH Stainless Steel Steel

- Available in lifting tube diameters: Ø100 - Ø120 - Ø140 mm



Heavylift Stainless Steel Steel



Heavylift VH Stainless Steel Steel

- Available in lifting tube diameters: Ø160 - Ø180 - Ø200 - Ø230 - Ø250 - Ø300 mm



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