

LIFTS ALL



LIFTING IN CLEAN ENVIRONMENTS

Lifting aids for the food and pharmaceutical industry

Over the years, Lifts All have manufactured many lifting aids that are tailor-made for use in clean room environments. The lifting equipment has among other things facilitated the handling of emptying food from box to rolling belt or lifting from and to the mixing machine.

The lifting tools are made of stainless steel and can also be polished depending on the requirements for food handling. Our lifts are ATEX-rated and can be used in the EX environment, as they are only powered by compressed air. have manufactured many lifting aids that are tailor-made for use in clean room environments. The lifting equipment has among other things facilitated the handling of emptying food from box to rolling belt or lifting from and to the mixing machine.

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YOUR COMPLETE LIFT SYSTEM

Thanks to close co-operation with leading companies in the pharmaceutical- and the food industries Lifts All develops ergonomic lifting tools perfectly suited for lifting various objects in clean environments.

The complete Bal-Trol system consists of an optimised combination of:

- Lightweight aluminium overhead rail system or FlexiCrane
- Bal-Trol weightless lifter
- Gripper, tailor-made for any application

The system is driven by compressed air only, eliminating the risk of sparks that may come with electric solutions.

Atex approved for maximum security

The Bal-Trol is Atex approved for CE Ex II 2G T4. The overhead rail system is Atex approved as well, up to explosion protection category II. In areas where varnish is applied or where fine dust or other explosive products are processed, our overhead rail system may also be used. For clean room applications, the grooves and openings of the rail profiles are sealed with covers.

All-in-one lift solutions

All of our grippers are manufactured in stainless steel for easier cleaning and to avoid surface treatment from rubbing off. Atex approval is optional. We are pleased to offer all-in-one solutions including modification of the lifting equipment and other components. All systems comply with European safety standards. Relevant CE documentation is provided.

3628



2988



3628



2615



3628 (front page)

Max load: 100 kg
Control: PSH
Function: Lifts plastic drums of various sizes. Bal-Trol encased.

2988

Max load: 100 kg
Control: PSH
Function: Lifts and tilts carton drums 180 degrees.

2615

Max load: 125 kg
Control: PSH
Function: Lifts carton drums of different sizes.

CONTROLS

Pro Speed-Handle (PSH)

Used when the weight of the lifting objects varies. Proportional control of up and down speed, which means that a gentle push on the button smoothly moves the load. A harder push moves the load faster. Flexibility in the Bal-Trol enables fine tuning of vertical position by +/- 5 cm by manual influence directly on the lifting object. This makes the handling easier when putting a wheel on an axle for example.

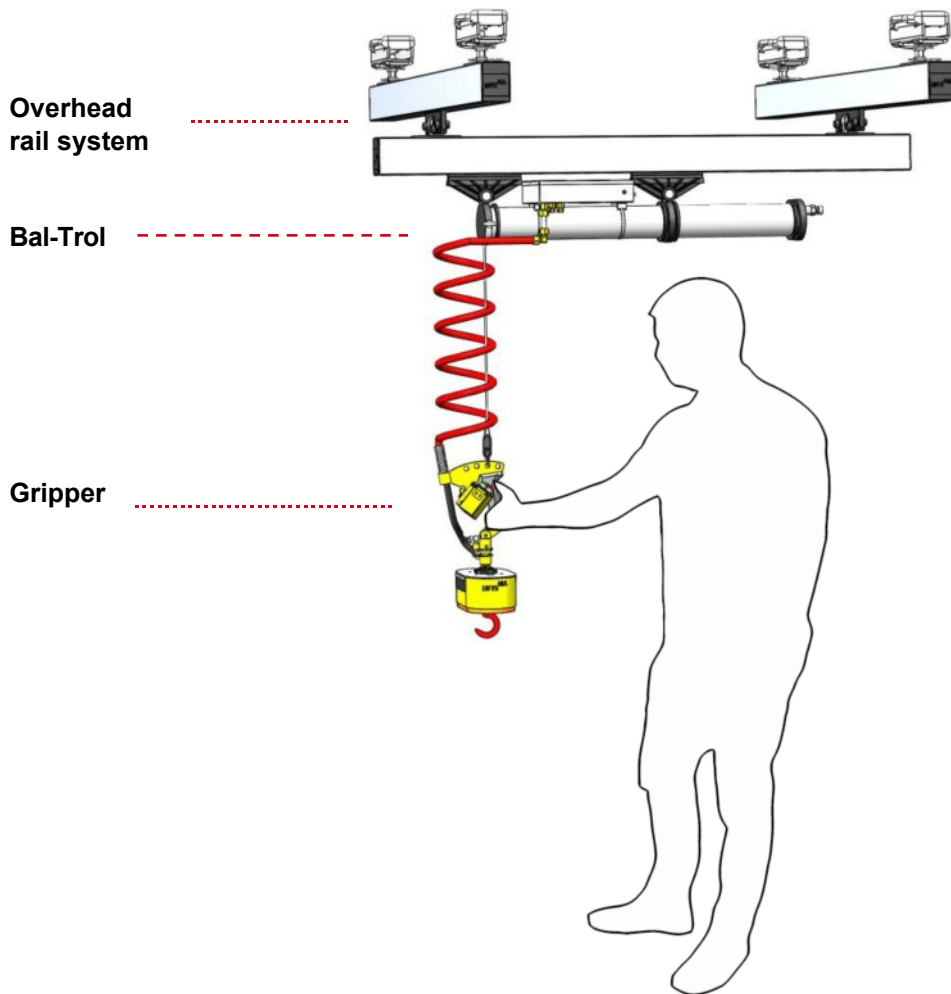
Balancing - weightless handling

Balancing is used when a few known objects of different weights need to be handled quickly, for example at assembly lines in car industries. The load is handled in a state of weightlessness, which means that the operator can manipulate the product with the hands directly on the object. In other words - superior flexibility and precision!



<p>3616 Max load: 40 kg Control: PSH Function: Lifts carton boxes. Adjustable length of the gripper arm to make stacking high easier.</p>	<p>2418 Sack-Handler Mechanical Max load: 75 kg Control: PSH Function: Lifts sacks with mechanical clamping, for example laundry sacks.</p>
<p>2722-SS Sack-Handler Vacuum Max load: 50 kg Control: PSH Function: Lifts all kinds of sacks - plastic as well as paper, hard as well as soft - with vacuum.</p>	<p>2439 - Z-gripper Max load: 22 kg Control: Balancing Function: Weightless lifting of carton boxes for example.</p>
<p>3330 - Roll-Handler Max load: 100 kg Control: PSH Function: Lifts rolls of various sizes. Tilt 90 degrees.</p>	

YOUR COMPLETE LIFTING SYSTEM



Overhead rail system

Our lightweight overhead rail system is extremely flexible and silent.

Bal-Trol

The small, flexible lifting cylinder is powered by compressed air only.

Gripper

Tailor-made ergonomic grippers are our speciality. We lift all!

DALE

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