

LIFTS ALL basic

A new approach to product handling



*Tell us what you want to handle and
we will design and install the perfect system*



Join the world of weightless handling

DALE LIFTING AND HANDLING SPECIALISTS 0161 223 1990

QUICKER LIFTING WITH BASIC!

Basic is an allround lift, perfect for distribution centres and warehouses where lifting of carton boxes needs to be quick and smooth.

Controlling the Lifts

As soon as Basic's vacuum head lands on the carton box, it is automatically attached and ready to lift. The user controls the speed and the height of the gripper proportionally with the two buttons for up and down.

The more a button is pressed down, the faster Basic moves up or down. Thanks to the proportionality, and the endless rotation of the vacuum head, the box is easily placed in the wanted position.

Careful and exact or - for maximised handling speed - the box can be released in the air by a distinct push with the thumb on the red release button.

Quick Learning - Quick Lifting

The handle is specially designed to suit both left and right handed users, no matter the hand size. No modifications are needed to change from the right hand to the left hand.

Due to the ergonomic design and the instinctive control new users easily learn how to use Basic. The difference from lifting manually or with another lifting tool is obvious.

Safety First

Basic is a safe lifting tool. It never allows lifting if the vacuum level is below what has been preset. If the vacuum level drops during lifting, Basic will slowly lower. To release the load there are two options:

1. Release in the air - a distinct push on the red release button releases the load.
2. Unload first - will not release the load until it is resting safely on a surface and the user pushes the red release button.

Reliable Pneumatic Technology

Lifts All have experience of manufacturing lifting tools since 1994. Thousands of unique lift solutions have been made. With our long experience and this reliable technology we have been able to develop Basic.



GENERAL DATA

Max load: 50 kg	Rotation of vacuum head:
Lift height: 1,5 m	Endless
Driven by: Compressed air	Noise level - carton: 55 dB



BIG SAVINGS IN ENERGY COSTS

Basic is pneumatically driven and only requires a few percent of the energy needed by traditional vacuum lifters.

This leads to beneficial effects on both economy and environment, as well as making the lifter silent.

Smarter Air Consumption

Unlike traditional vacuum lifters Basic knows when to switch on and off. The clever auto start turns on as soon as the vacuum cup lands on a surface. If the surface is air tight

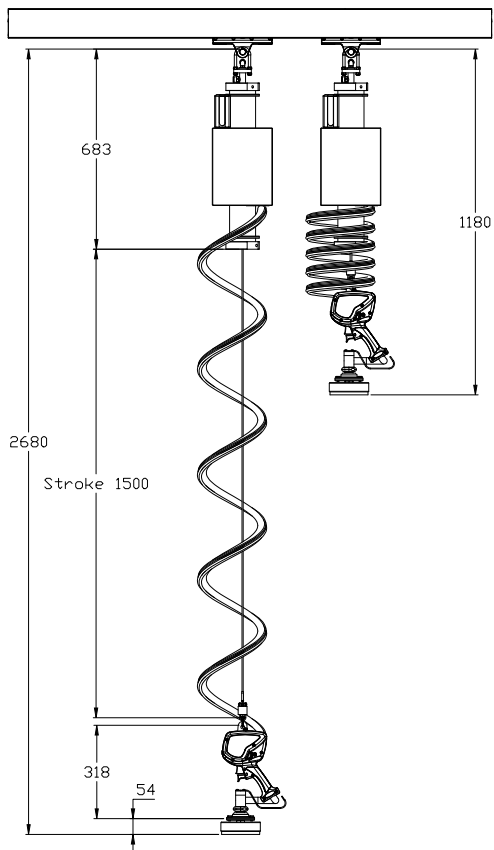
Basic immediately stops consuming air, even during the lift. When lifting a rugged carton box for example, Basic will only consume precisely as much air as it needs to keep a decent vacuum level.

And the biggest difference: No waste of energy when the gripper is not carrying any load or when it is not in use. Did we mention that Basic knows when to switch on and off?

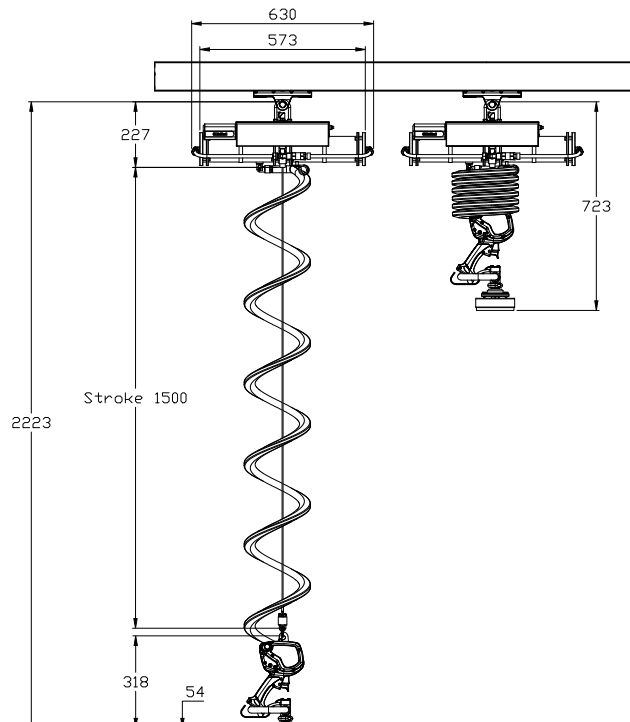
ENERGY SAVING IS STANDARD

The energy saving system is standard and always included in the Basic package. Ask us for an energy savings calculation for your company!

MEASUREMENTS: VERTICAL BAL-TROL AND BASIC



MEASUREMENTS: HORIZONTAL BAL-TROL AND BASIC



Overhead rail system

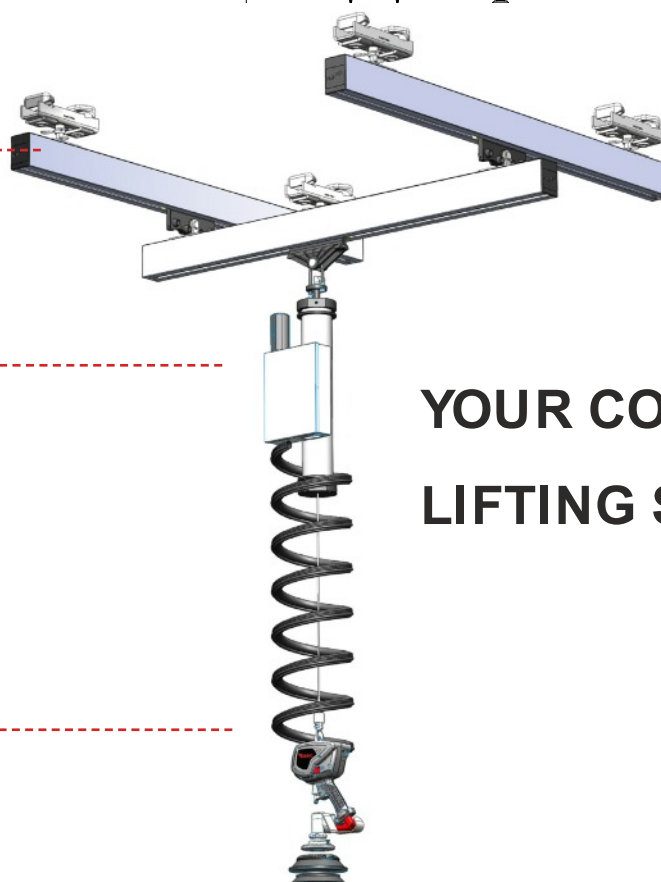
Our lightweight overhead rail system is extremely flexible and silent.

Bal-Trol

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

Basic

With the all round lift Basic the lifts become quick and smooth!



YOUR COMPLETE LIFTING SYSTEM

basic



See it in action - Now!

THERE'S AN APP FOR THAT LIFTING TOOL

The quick connection makes Basic multi-faceted. The user switches applications in an instant for the different loads' materials, weights and sizes. The hook is always there, easily flipped down, when a vacuum cup can't get a grip.

 Watch the switch on
Video / dlhonline!

basic



Pull it.



Turn it.



Switch it!

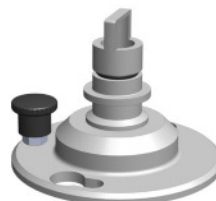


JOINTS



Swivelling Ball Joint

For heavy loads where the weight is divided unevenly or if the grip surface is uneven. Lets the vacuum head and load pivot 15 degrees and rotate endlessly. Easy to change.



Swivelling Joint

Endlessly rotating. Easy to change.

APPLICATIONS



Single Small

Cup diameter: 110 mm
Max load - carton: 12 kg
Max load - flat air tight: 22 kg

Single Medium

Cup diameter: 150 mm
Max load - carton: 25 kg
Max load - flat air tight: 43 kg

Single Large

Cup diameter: 200 mm
Max load - carton: Not applicable
Max load - flat air tight: 50 kg



I-frame Small

Cup diameter: 75 mm
Outer distance (A): 277 mm
Cups distance (B): 111 mm
Centre distance (CC): 194 mm
Max load - carton: 12 kg
Max load - flat air tight: 20 kg

I-frame Medium

Cup diameter: 110 mm
Outer distance (A): 318 mm
Cups distance (B): 70 mm
Centre distance (CC): 194 mm
Max load - carton: 24 kg
Max load - flat air tight: 44 kg

I-frame Large

Cup diameter: 150 mm
Outer distance (A): 360 mm
Cups distance (B): 28 mm
Centre distance (CC): 194 mm
Max load - carton: 50 kg



H-frame Small

Cup diameter: 75 mm
Outer distance (A): 228 mm
Cups distance (B): 62 mm
Centre distance (CC): 145 mm
Max load - carton: 24 kg
Max load - flat air tight: 40 kg

H-frame Medium

Cup diameter: 110 mm
Outer distance (A): 269 mm
Cups distance (B): 21 mm
Centre distance (CC): 145 mm
Max load - carton: 50 kg
Max load - flat air tight: 50 kg

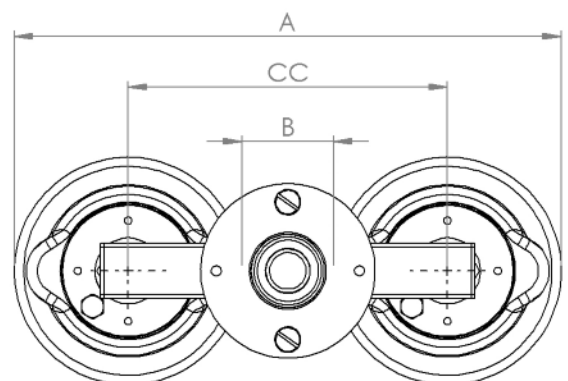
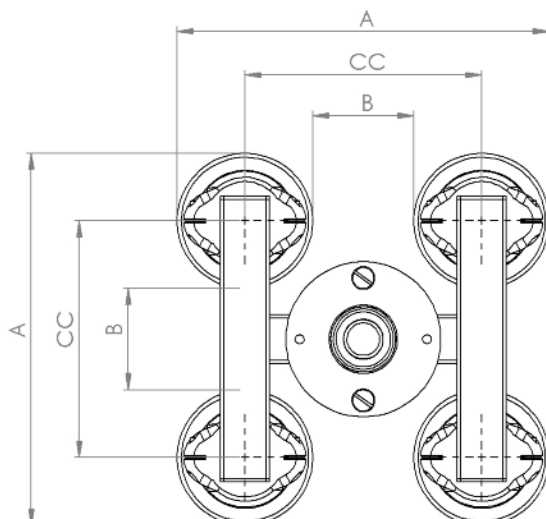


Sack Frame Small

Length: 250 mm
Width: 135 mm
Max load: 50 kg

Please note:

- Safety factor 2 is included in all max loads.
- Cup diameters are approximate.
- Contact us for tailor-made I-frames and H- frames!



LIFTS ALL HANDLING SYSTEM



The World of Weightless Handling!

Lifts All systems give you the complete solution for a successful handling operation

- Overhead rail system or jib crane for easy movement in any direction.
- Balancer lifting device for weightless and fast lifting.
- Gripper, tailor-made for your requirements.

All Lifts All products are using compressed air and are CE marked and Atex approved II 2G T4.

FlexiCrane is the portable articulated jib crane you have always been looking for. It is fitted with a moveable base, free from attachments to the floor and of course, still safe and stable during lifting.

Two-step-installation

To install the crane:

1. Put it down on the floor.
2. Plug in the air supply.

Done! The FlexiCrane is now ready to lift whatever you wish up to 65 kg

The mobile flexicrane is cost effective solution to your repetitive handling applications -

Whether you are lifting bags, components, sacks, boxes, drums or boards there is generally a gripper tailor-made suit your industry requirements.

We are happy to make your handling weightless and ergonomic

You give us your trust and **DALE** will provide you with a superior solution for your handling.

Please contact us for a complete review of your work place. handling

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