Air Balancer FullSharp











Overview

The Air Balancer FullSharp is a pneumatic balancing hoist: the load is held in balance as if weightless, and the operator lifts, lowers and positions it with a light touch. It runs entirely on compressed air with no electricity, making it ideal for repetitive lifting at the workstation.

It comes in one standard configuration: 100 kg capacity, Ø10 mm wire rope and 2 m lifting travel. It mounts on jib cranes, overhead rails or freestanding frames and combines with a range of handles and grippers designed for your product.

Technical specifications

Item	Specification
Capacity	100 kg
Rope	Ø10 mm steel wire rope

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Lifting travel	2 m
Power	Compressed air 6 – 7 bar, no electricity
Mode	Balance / float
Controls	Speed-adjustable pneumatic push-button, force-sensing handle, custom handles
Mounting	Jib crane, 5T steel / aluminum overhead rail, freestanding frame

Key features

Float mode

The load stays balanced at any height and can be positioned precisely by hand without hitting the product or machine.

No electricity

No electronic components to fail from heat, moisture or programming errors.

Less fatigue and injury

Operators no longer lift by muscle, reducing back and shoulder strain in repetitive work.

Easy to install and maintain

Simple design, quick to fit onto existing systems, field repairable.

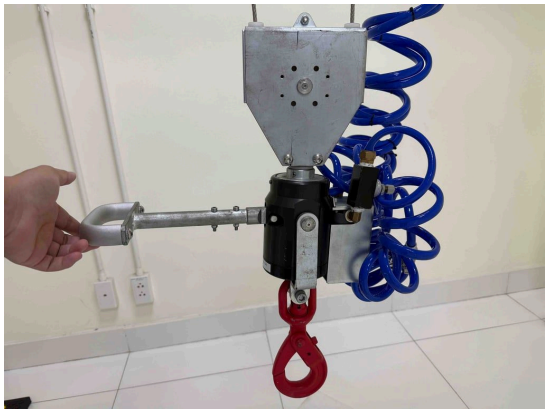
Handle options



Pneumatic push-button

Pneumatic push-button

Up/down pneumatic buttons with a speed-adjustment knob; the handle can be detached and held separately.



Force-sensing handle

Force-sensing handle

Push down or lift lightly and the load follows, with speed proportional to hand force – light enough to control with one finger.

FULLSHARP also designs handles with product-specific grippers: hooks, mechanical clamps, vacuum pads and more.

Applications

- Lifting machine parts and assemblies on and off the line
- Loading CNC machines and presses
- Handling boxes, sacks, canisters and small rolls up to 100 kg
- Combined with a pneumatic jib crane or overhead rail for a complete lifting station

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Contact us for consultation and a quotation

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Specifications may vary with the ordered configuration. Please contact FullSharp for exact details.