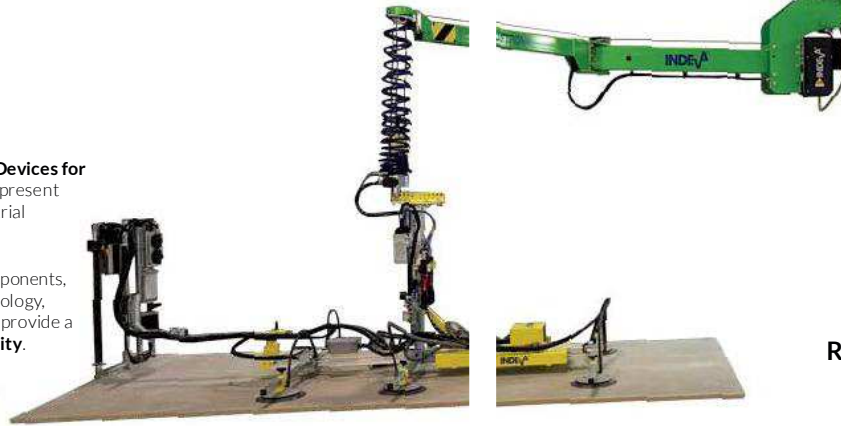


Liftronic® Series Intelligent Devices for Handling

Electronic control

The Liftronic® Series Intelligent Devices for Handling, known as INDEVA®, represent true evolution of traditional industrial manipulators.

State-of-the-art standardised components, combined with cutting-edge technology, hardware and optimised software provide a high degree of safety and reliability.



Rope

Liftronic® Easy

Capacity up to 320kg.
Suitable for **rapid and repetitive work cycles** with simple gripping tools.

Liftronic® Pro

Capacity up to 320kg.
Suitable for **complex work cycles** with bespoke gripping systems.

Rigid arm

Liftronic® Air

Capacity up to 310kg for standard models and 450 kg for special applications.
Suitable for handling **offset loads** with speed and precision.

Automatic weight sensing in real time.

AUTO-WEIGHT SENSE

No weight sensing.

Automatic weight balancing in real time allowing variable weights to be handled without pre-setting load.

AUTO BALANCING

Weight balancing is not automatic or real time. Pre-set weights via selector switch.

Moves as fast or as slow as the operator decides using fingertip control with minimal effort and instant response.

RESPONSIVENESS

System response is slower and feels heavier because of this, especially with upward movement.

Precise and coordinated with fine adjustment allowing accurate placement so reducing the risk of damage.

LOAD PLACEMENT

Some resistance is felt as air enters and leaves the cylinders so restricting natural speed of movement.

Lower: a comparative study showed that the CO² output and total running cost of an INDEVA® is around only 12.5% that of a pneumatic manipulator.

CARBON FOOTPRINT & TOTAL COST OF OPERATION

Higher: a comparative study showed that the CO² output and total running cost of a pneumatic manipulator is around 8 times that of an INDEVA®.

Light and compact structure allows great visibility and ease of maneuverability.

MANEUVERABILITY

System requires heavier and bulkier structure so reducing visibility and maneuverability.

Comprehensive auto - diagnostic software and remote trouble shooting with App-Indeva or INDEVA® Gateway.

DIAGNOSTIC & REMOTE TROUBLE SHOOTING

Check and diagnosis by expert technician attending site. Remote trouble shooting is not available.

Simple and efficient by means of display.

MAN / MACHINE INTERFACE

Restricted options to identify faults at the machine.

PN Series Traditional Industrial Manipulators

Pneumatic control

PN series manipulators are traditional industrial manipulators featuring pneumatic control and drive.

All manipulators in the PN Series can be designed in accordance with ATEX regulations as per EU Directives 2014/34 regarding applications in controlled environments with danger of explosion, classified classes 1 and 2 (Gas) (only for PN Flex) and 21 and 22 - Dust (for all PN series models).



Rope

PN Flex

Capacity up to 160kg.

PN Ergo

Capacity up to 310kg for standard models and 450 kg for special applications.
Suitable for handling **offset loads**

Rigid arm

PN Compatto

Capacity up to 100kg.
Suitable for handling **offset loads in a small work area.**

PN Zip

Capacity up to 80kg.
Very compact structure suitable when a **short vertical stroke** is required.