LIFTRONIC® MOBILE

LIFT, MOVE, SIMPLIFY

INDEVA®

INTELLIGENT DEVICES FOR HANDLING

LIFTRONIC® MOBILE LIFT, MOVE, SIMPLIFY

LIFTRONIC® MOBILE is the INDEVA® battery-powered solution designed to ensure fast, ergonomic and safe handling in multiple locations using a single system. **Installed on an electric pallet truck**, it allows loads to be moved and lifted with extreme ease, reducing physical effort on the part of the operator and **increasing production efficiency.**
Thanks to its **sensitive control** and **4-joint arm**, it ensures smooth and precise movements in every application, keeping the load perfectly balanced and making operations simple, natural and controlled.

Simple installation on pallet trucks

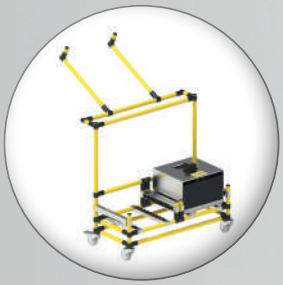
LIFTRONIC® MOBILE can be easily installed on most electric pallet trucks without modifications. It can be used in multiple locations, ensuring flexible and continuous internal handling.

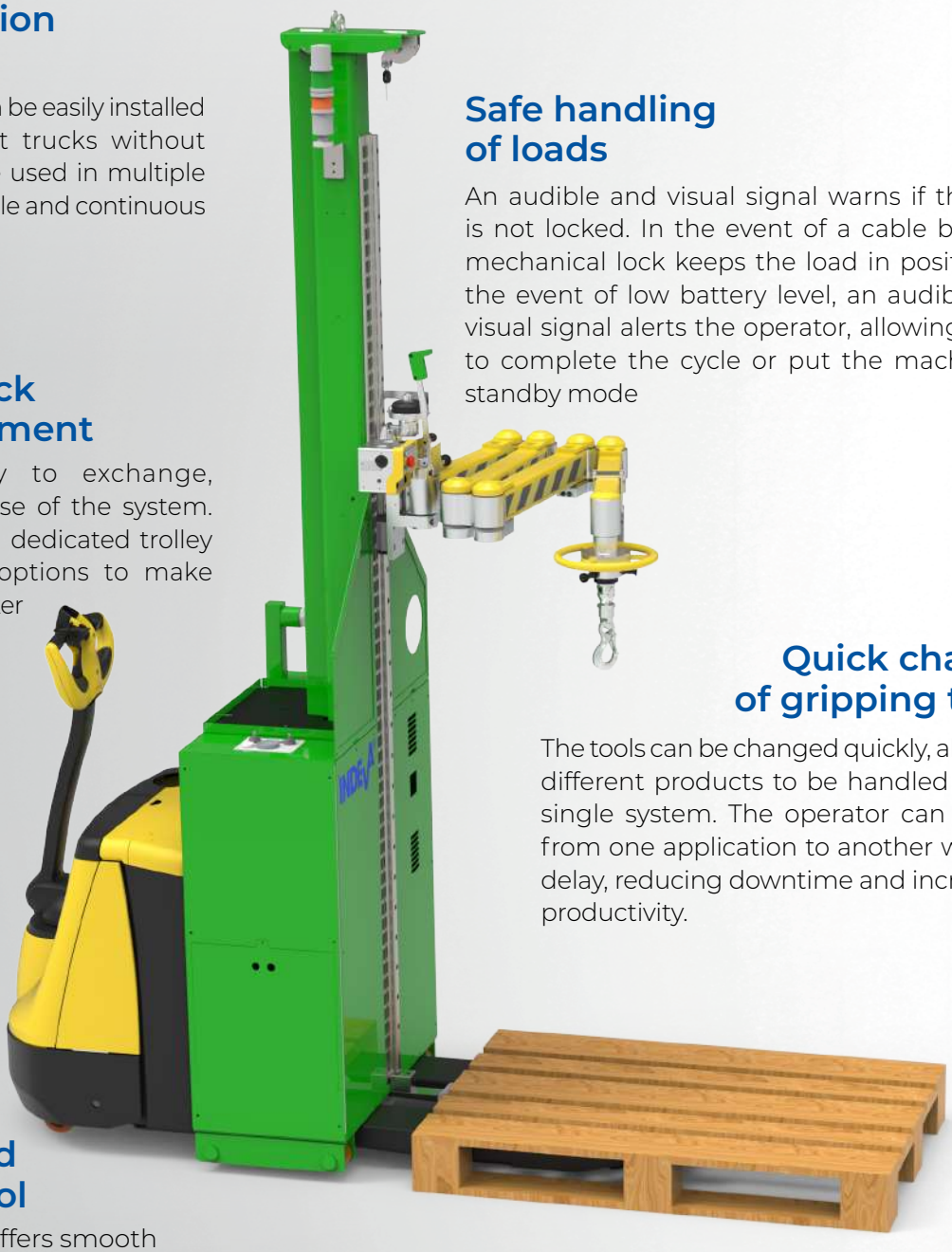
Safe handling of loads

An audible and visual signal warns if the arm is not locked. In the event of a cable break, a mechanical lock keeps the load in position. In the event of low battery level, an audible and visual signal alerts the operator, allowing them to complete the cycle or put the machine in standby mode

Simple and quick battery replacement

The battery is easy to exchange, ensuring continuous use of the system. A second battery and a dedicated trolley are also available as options to make replacement even quicker and easier.





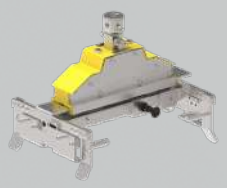
Quick change of gripping tools

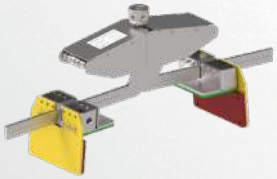
The tools can be changed quickly, allowing different products to be handled with a single system. The operator can switch from one application to another without delay, reducing downtime and increasing productivity.

Ergonomics and effortless control

LIFTRONIC® MOBILE offers smooth and precise movements, reducing physical effort and improving comfort and work quality. The articulated arm and INDEVA® technology ensure natural and intuitive manoeuvres.

Available with various gripping tools



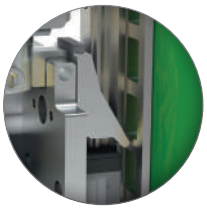


Light and audible alarm signal

The audible and visual alarms are activated in the event of movement with the arm unlocked or low battery level.

Arm lock

In the event of a cable breakage, a mechanical safety device prevents the arm from lowering.

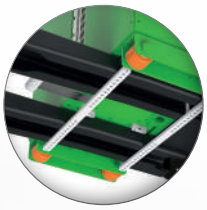


Connection for battery charging

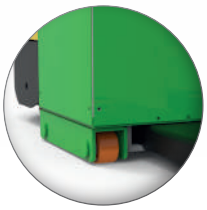
If the battery is almost depleted, the system allows you to move the arm to the rest or unload position; a low battery message is displayed

Installation on a pallet truck

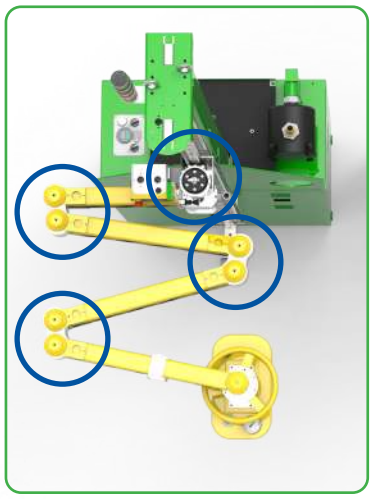
LIFTRONIC® MOBILE can be easily fitted to most electric pallet trucks without the need for any modifications.



Safe and stable positioning on the ground

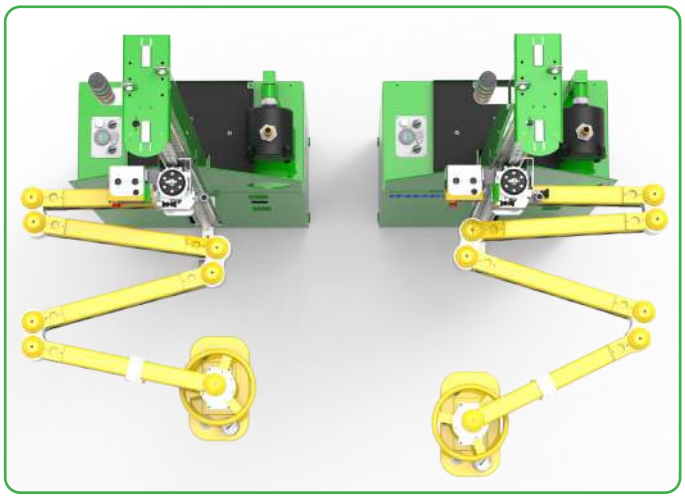


The system only works if LIFTRONIC® MOBILE is correctly positioned on the support microswitches; otherwise, charging or movement operations will not be activated.



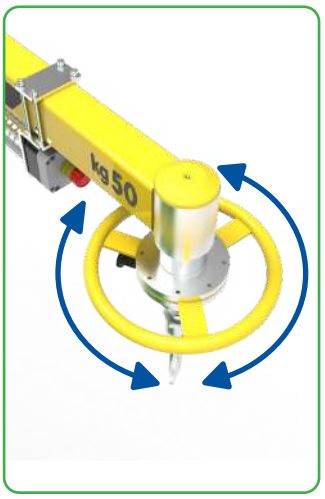
3 or 4 joint versions

Configurations with 3 or 4 joints on the arm are available.



Orientation

On the left or right depending on the side of the work area.

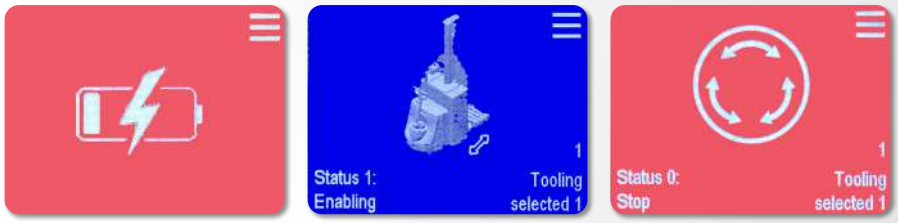


Swivel joint

Ensures continuous rotation around the axis of the gripping tool.

CONTROL UNIT

The control unit is able to signal any warnings or fault conditions using dedicated pictograms: for example, the low battery symbol, the arm not locked symbol or the mobile not on the ground symbol are displayed, allowing the operator to quickly identify the cause and intervene safely.



FROM MOBILE TO **FIXED LOCATION** IN AN INSTANT!

With the optional base, transforming your solution from mobile to fixed is quick and easy.
Solid, versatile and easy to install, the base guarantees stability and safety in every application. A practical accessory that increases operational flexibility and optimises the efficiency of your work environment.

TECHNICAL SPECIFICATIONS

	MECHANICAL GRIP		VACUUM GRIP	
Number of joints	3	4	3	4
Maximum gross capacity	70kg including gripping tool	50kg including gripping tool	25kg	
3-joint arm length	1845mm	2530mm	1845mm	2530mm
Column height	2350mm or 2750mm			
Vertical stroke	1500mm or 1900mm (depending on column height)			
Column/structure dimensions	812 x 851 x 2440 or 2840mm (depending on column height)			
Battery	24VDC / 110A			
Power supply for battery charger	230VAC 50/60Hz ❶			
GEL battery autonomy	1000 cycles minimum with maximum load		250 cycles (pick and place) ❷	
Lithium battery life	1500 cycles minimum with maximum load		500 cycles (pick and place) ❷	
Battery charger	230VAC 50/60Hz			
Operating temperature	0 – 40°C			

❶ Version with 115VAC battery charger power supply available.
❷ Estimate based on typical application of picking up and placing bags weighing 25kg each, with 10 minutes of continuous use per session and 5 minutes of standby time between sessions.

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The products described in this document are subject to updates or modifications at anytime. The descriptions, technical and functional information, illustrations and instructions in the leaflet are to be considered as purely illustrative, and consequently have no contractual relevance. Remember also that the products themselves must be used by qualified personnel, in compliance with current plant engineering installation regulations, in order to avoid damage to persons or property.

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INTELLIGENT DEVICES FOR HANDLING

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