

N-500 LIFT

Our standard lifter for use in most environments. Easily customisable and compatible with all our lifting tools. Built on a modular concept, these lifters are designed to fit a large number of standard lifting tools and to be easily adaptable to custom-built solutions.

Light, durable lifter in powder-coated steel with large battery capacity

BUILT TO LAST

Lift Construction

- Powder-coated steel
- Dust and water protection class IP31, hygienic - easy to clean
- Dimensions adaptable to customers needs

Safety

- Self-locking gear system (worm gear): In case of an electrical failure, the mechanical system will automatically bring the lift to an immediate stop
- Safety slip clutch (one-way safety clutch): Prevents the lift from lifting itself and tipping backward during downward movement

Handling

- Electric lifting process controlled via a toggle switch; lifting speed can be adjusted via the adjustment knob
- Two lifting speeds: Normal (approx. 130 mm/s) and reduced speed, preset to e.g. 30%. The slow speed can be adjusted in the control box on the lift
- Lightweight and compact dimensions suitable for use where the working area is limited

- Robust 4-button remote control in metal with adjustable slow-remote function and high-quality PU spiral cable, making it easy to operate the lift with one hand
- Ergonomic handle that allows for various grip positions

Power Supply

- Battery-powered
- Can be permanently connected to power (Power supply: 110-230 V AC)
- Intelligent external battery charger - 24V 3.5A. Ensures long battery life through on-demand charging. Integrated LED display shows battery charge status

Maintenance

- AT-10 timing belt with low maintenance
- Very durable Solid-State PLC
- Wear-resistant parts (Wheels and maintenance-free standard batteries without memory effect)

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Technical Specifications

✓ Adaptable

Standard & Customised	Low	Medium	High	Customised
Totalhøjde mm	1.500	1.974	2.350	1.300-3.500
Slaglængde mm	848	1.333	1.727	639-2.839

Max. load without tool	500 kg	
IP Safety	31	
Min. - Max. lifting height	Depending on the tool	✓
Surface	Powder Coat - RAL 9007	
Lifting speed	130 mm/s	✓
Control Unit	Solid State PLC	
User Control System	Remote control with E-stop for manipulators	
Overload Protection	Current monitor with cut-off	
Battery Charger	Built in - 24V 3.5A	
Battery Capacity	24 V - 45 Ah	
Power Supply	230 V, 110 V	
Time to charge	Max. 8 hrs.	
Number of lifts 500 kg/1m	55 per full charge	
Footprint (LxW)	1252x780 mm	
Rear Wheels	ø125 mm - Central Brake	✓
Front Wheels	Swiveling ø90 mm	✓
Length of legs*	700 mm	✓
Height of legs*	90 mm	✓
Width of legs (outside)*	560 mm	✓
Width of legs (inside)*	500 mm	✓

* Standard dimensions; customization of dimensions may be necessary depending on the mounted lifting tool.

Tool modules

AF	Adjustable fork for handling different box sizes
AM	Adjustable mandrel for lifting rolls with a horizontal core direction
BT	Electric box tipper
DG	Edge gripper with support for pressure-sensitive barrels
DL	Neck gripper for pressure-sensitive barrels/rolls
DM	Double mandrel for lifting rolls without passing through the core
EC	Electric scissor gripper with soft rubber for barrels/boxes of 300-600 mm diameter
ERM	Electric roll manipulator
ERU-DF	Electric double fork with electric 180° rotation in both directions
ERU-DM	Electric double pin gripper with electric 180° rotation in both directions
ERU-EC	Electric 360° rotation unit with electric scissor gripper with soft rubber for items between 300-600 mm diameter
ERU-F	Electric 360° rotation unit with fork gripper for alternative box dimensions
ERU-MP	Barrel gripper with protective base plate for pressure-sensitive barrels/drums. Can rotate 90° in each direction
F	Fork for lifting a box of a given size
FN	Fork with notch for lifting rolls through the core
FTS	Fork with self-locking edge gripper, ideal for metal boxes
M	Mandrel for lifting rolls with a horizontal core direction
MC	Manual clamp
MP (-R/E)	Metal platform without (MP)/with edge rollers (MPR), with edges (MPE)
MRM	Manual roll manipulator
NP	Nylon platform
RM	Mandrel with rollers and brake for lifting rolls with a horizontally remaining core
SRU-MC	Manual clamp with manual rotation
VB	V-block for rolling/tipping rolls. Can be manually rotated so the roll can be lifted via the core