

SN-500 LIFT

Lifter made of stainless steel with robust, durable components, ideal for intensive and continuous use in demanding industries. The lifter is designed for environments where cleaning is important. All major external components, except the wheels, are made of stainless steel (AISI 304) with a sandblasted surface.

Lightweight, Strong and Adaptable Industrial Lifting Aid for Demanding Environments

DESIGNED FOR SAFETY
BUILT TO LAST
DIPLOM COMPLIANT + MADE IN DENMARK

Lift Construction

- Major external parts: fully stainless steel (AISI 304); glass bead blasted surface; 1.6 Ra
- Dust and water protection class IP31, hygienic - easy to clean
- Wheel mount and internal mast parts: aluminium/galvanized
- Dimensions adaptable to your 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

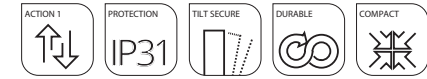
Power Supply

- 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	805-3.005

Max. load without tool	500 kg	
IP Safety	31	
Min. - Max. lifting height	Depending on the tool	✓
Surface	AISI 304 Glass Bead Blasted	
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	ø125mm - Central Brake	✓
Front Wheels	Swiveling ø80 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