

MINI LIFTER SP-500 STAINLESS STEEL LIFTER – IP65 – TOTAL CAPACITY: 500 Kg

Our SP-line of lifters is tailored for the pharmaceutical and biotech industry with focus on compliance to industry standards, ideal for use in cleanrooms. As such, ease of cleaning and hygienic design has been a top priority throughout the design of our SP-series lifters.

Lifter construction

- **fully stainless steel (AISI 304)**; glass bead blasted surface; 1.6 Ra
- Dust and water protection class **IP65**, hygienic - easy to clean
- White band in front of the mast to protect against dust and particles
- **Dimensions adaptable to customers needs**



Safety

- **Self-locking gear system:** in the event of an electrical failure, the mechanical system automatically brings the lifter to an immediate stop
- **Safety slip clutch (safety one-way clutch):** prevents the lifter from lifting itself and tipping backwards during downward movement

Handling

- Electric lifting with **high lifting speed** and **accurate positioning capability**
- Two lifting speeds: Normal (approx. 130 mm/s.) and reduced speed, pre-set at for example 30%. The slow speed can be adjusted in the control box on the lifter.
- **Low weight and compact measures** well suited for use in spatially demanding work areas
- Robust **remote control** (full metal body; high quality PU spiral cable) allows **easy one-hand operation**
- Ergonomic handle that allows the user different gripping positions

Power supply

- Battery-operated
- Can be permanently connected to power (Power supply: 110-230 V AC)
- Intelligent **internal battery charger - 24V 3.5A**. Ensures long battery life through on-demand charging. You are always informed about the battery charge state by the integrated LED display.



Maintenance

- Low maintenance **AT-10 timing belt**
- Very durable **Solid-State-PLC**
- **Low wear parts** (wheels and maintenance-free standard batteries without memory function)

SP-500 – TECHNICAL SPECIFICATIONS

The lifter is designed for loads up to 500 kg and is available in heights up to 3.5 m.

		Can be customized
Max. load without tool	500 Kg	
Total height:	1.500/1.974/2.350 mm	x
Stroke:	848/1.333/1.727 mm	x
Min. - Max. lifting height:	Depending on tool	x
Surface	Glass bead blasted	
Length of legs*:	700 mm	x
Height of legs*:	90 mm	x
Width of legs (outside)*:	560 mm	x
Width of legs (inside)*:	500 mm	x
Lifting speed:	130 mm/s	x
Internal charger:	24 V, 3.5 A	
Charging current:	230 V, 110 V	
Batteries, standard	24 V, 45 Ah	
Time to charge:	Max. 8 hrs.	
Number of lifts 500 kg/1m	55 per full charge	

* Standard measures; adaptation of measures might be necessary depending on mounted tool

