

Pneumatic telescopic mast with mechanical head

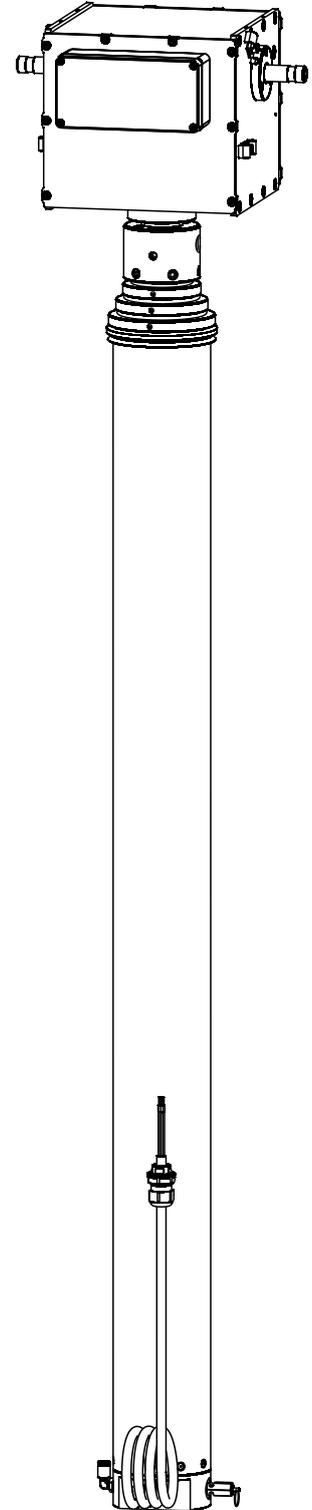
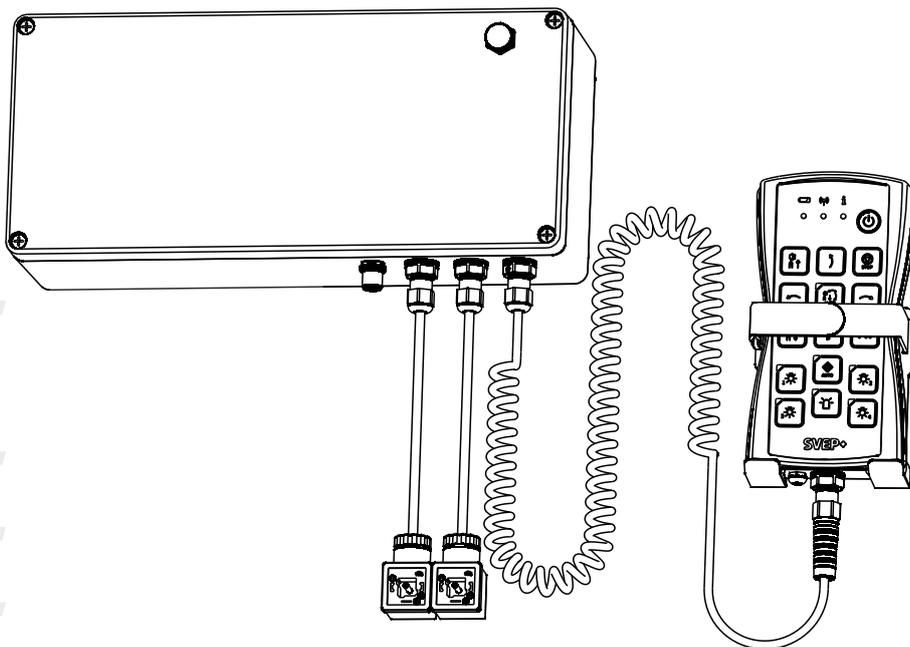
Main features:

- Sectional tubes made of durable and light aluminum alloy
- Body elements protected against corrosion and mechanical damage by anodizing
- High surface quality of mast components as a result of abrasive blasting
- Wide operating temperature range (-20–55 °C)
- Water drainage holes inside the mast
- Compressed air connection via plug connection
- Integrated pressure relief valve
- Built-in anti-rotation system for each section
- Reliable and durable turn and tilt mechanism of the head
- Head movement in the range of 0–360° and lamps in the range of 0–330°
- The function of automatic return of the head and mast to the transport position is triggered by a remote control or an electric signal (e.g. when the vehicle's parking brake is released)
- Integrated magnetic mast position sensor
- Cable glands in the „Click” technique
- Casings equipped with pressure equalizing elements

IP65

EN
60204

EN-ISO
12100



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Basic technical data

Max. head load	20 kg
Head turning range	0–360°
Lamp tilt range	0–330°
Max. working pressure	2,5 bar
Max. wind speed	Standard 102 km/h (10 B)

Basic parameters

Mast base tube	106 mm
Number of sections	4 sections
Spiral cable	12G1,5 mm ²
Number of head motors	2 motors
Rated voltage	24 V DC
Overall height	1424–3954 mm

Additional parameters (factory mounted)

Junction box processing	Connected elements (remote control, connection cables) Connecting the mast to the control cabinet and connecting the installation via Lapp connectors EPIC® cable (installation in the cabinet completed)
Mounted mast base plate	

Equipment

Control cabinet	Wired version; 2 channels (max. 15 A each); degree of protection IP65; Lapp EPIC® installation connectors
Remote Control	Wired version with 1,25 m spiral cable; housing with a backlit panel; degree of protection IP65; cable encapsulated in a cable gland with a strain relief; pictograms on the panel in accordance with ISO 7000
Mast roof outlet (103924)	106 mm base tube
Remote control holder (103868)	Made of aluminum; fastening with velcro tape
Reducing valve kit (102205)	Supply pressure 13 bar; regulation range 0-4 bar
Solenoid valves kit (103865)	24 V DC version; 2 valves 2/2 NC (normally closed); degree of protection IP65