

## Mechanical mini screen with integrated press SC-mini LS

SC-mini LS consists of a mechanical screen and racking press for capturing, collecting and dewatering of rackings. It is intended for small waste water treatment plants to replace more complex and expensive mechanical screens. The advantages of this device are low price, simple structure, and functional reliability. It shall be placed into a concrete supply channel with a flat bottom, fixed with plugs to the channel edge.

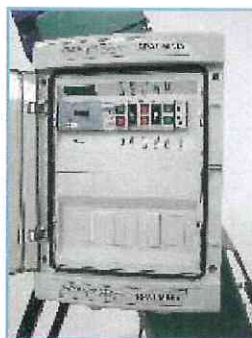
SC-mini LS is a fine screen with a robust structure which may replace manual screens for minimisation of operator's manual work and significant rackings reduction from waste water. The screen consists of a frame with a screen rack located on its discharge side. Rackings trapped on the rack are moved by a scraping mechanism upwards to the screen discharge. They fall into a screw press placed below the crest.

Specification	
Channel width: B	300, 400, 500 mm
Channel depth: H	300 ÷ 1000 mm
Slot width: e	8 ÷ 15 mm
Discharge height: V <sub>0</sub>	250, 350 mm
Transport length: l	400 ÷ 1500 mm
Inclination: α	70°
Screen drive power input:	0,37 kW, 400 V / 50 Hz
Press drive power input:	0,25 kW, 400 V / 50 Hz
<i>Other parameter ranges have to be consulted with the manufacturer.</i>	

Product designation: **SC-mini LS B×H/V<sub>0</sub> ×e/l**

The drive is provided with a Schiebel servomotor, rotating a power screw connected to the scraping mechanism. The drive is equipped with limit switches for determining end positions of the scraper, and a torque limiter. The required function of scraping rackings is provided by reverse motion of the screw and a simple mechanism of the scraper.

The racking press consists of a shaft screw inserted into a chute with perforated trough. The chute is extended with a pressing chamber and delivery piping which ends with a choke flap.



**ISO 9001**

**EQUIPMENT FOR WASTE WATER TREATMENT PLANTS**

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