

## VERTICAL CHAIN-OPERATED SCREEN

### GENERAL CHARACTERISTICS

The vertical chain-operated screen is installed in channels of varying depth made of reinforced cement, and permits coarse separation of civil or industrial sewage.

### CONSTRUCTIONAL CHARACTERISTICS

- FRAME made of cold press-formed AISI 304 stainless steel, containing the chain guides;
- SCREEN mounted in the frame, consisting of a set of suitably sized bars;
- DOUBLE PITCH TRANSMISSION ROLLER CHAIN made of AISI 304 stainless steel;
- CLEANING COMBS made of self-lubricating wear resistant material, mounted on stainless steel supports and easy to replace;
- SCRAPER for automatic cleaning of the combs;
- POWERED by 2 shafts, one fitted with the geared motor and the other with a gear, situated at the bottom and mounted on special self-lubricating bearings;
- CONTROL WORM GEAR MOTOR directly connected to the driving gears;
- FILTERING SPAN between 15 and 40 mm;
- Electromechanical DYNAMOMETRIC DEVICE.

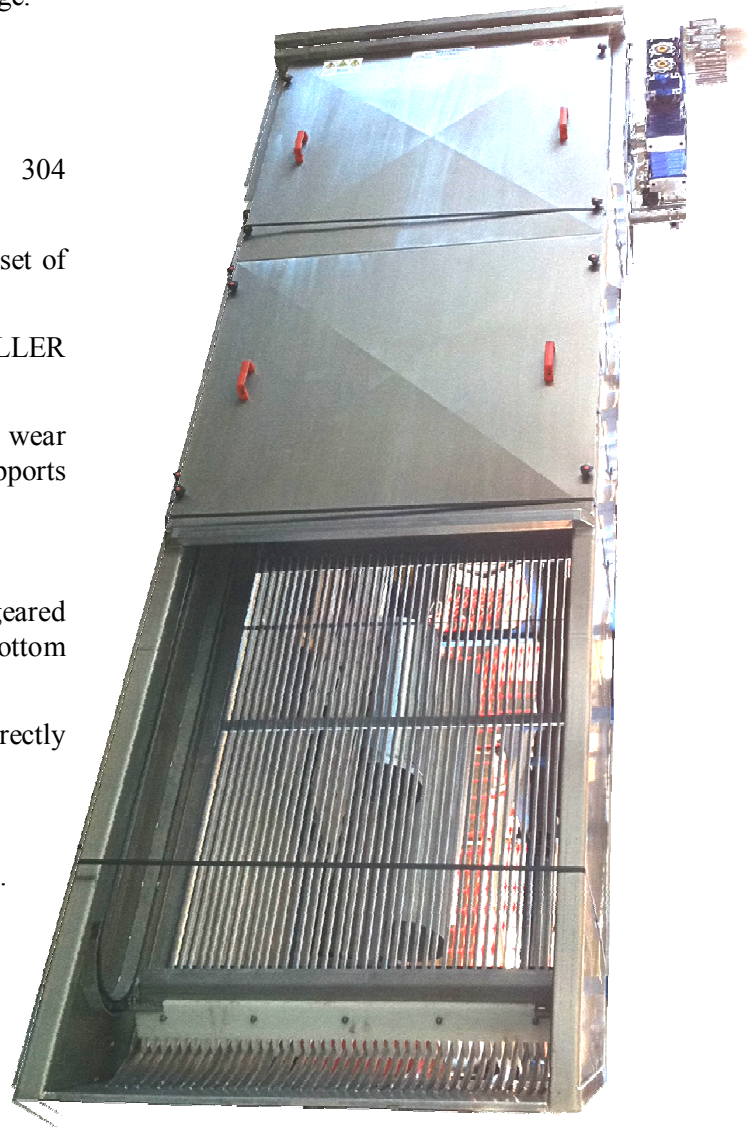
### STANDARD CONFIGURATION

AISI 304 stainless steel.

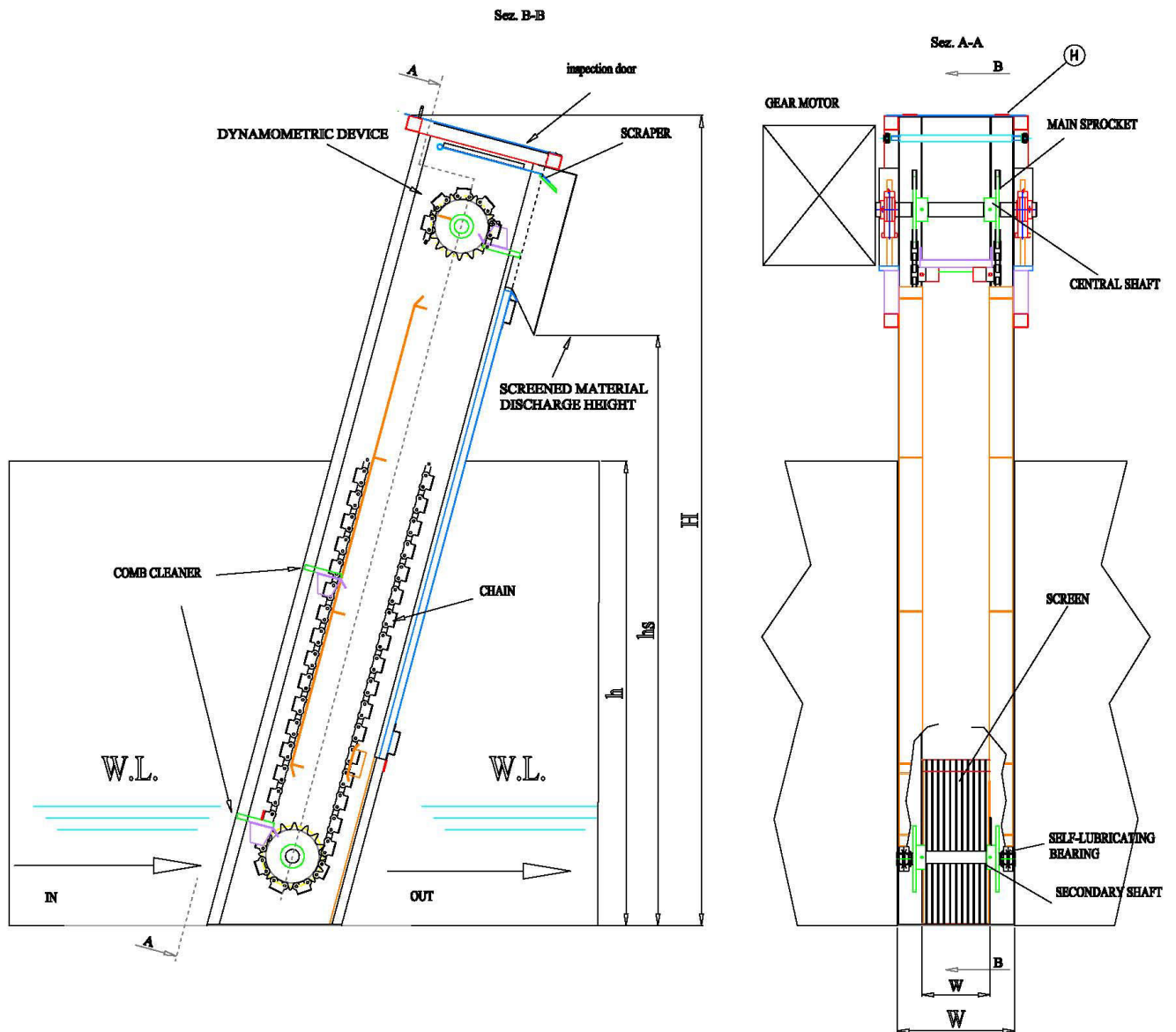
Also available in carbon steel.

### OPERATION

The sewage passes through the bars of the screen which retain the solid bodies, allowing the water to filter through in the channel. The screen is cleaned automatically by combs mounted on the double chain and by an oscillating comb cleaning device. The screened material can be discharged at a height of choice. The machine is powered by a worm geared motor. Overload protection is guaranteed by dynamometric devices.



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Main Features	UNIT	Dimensions
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Channel width (W)	mm	500 - 2000
Channel height (h)	mm	300 - 3000
Screened outlet height (h <sub>s</sub> )	mm	800 + h
Screen width (w)	mm	W - 100
Max screen height (H)	mm	h <sub>s</sub> + 650
Screen gaps (s)	mm	10 - 50
Power supply	kW	0,37 - 2,2

The company reserves the right to make modification and improvements without prior notice.