WASTE WATER TREATMENT

Sub-vertical Mechanical Perforated Screens

GVS







SAVECO™
Member of WAMGROUP®

Sub-vertical Mechanical Perforated Screens GVS

THE BEST CHOICE FOR EVERY FINE SCREENING NEED

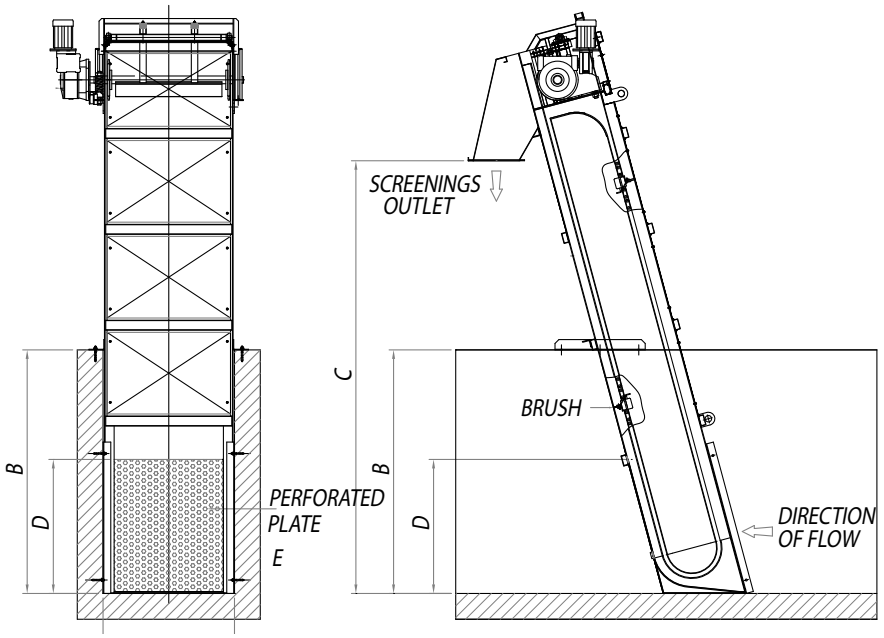
GVS Sub-vertical Mechanical Perforated Screens are used for fine screening in both municipal and industrial waste water plants.

Waste water flows into the upstream end of the unit where screenings are captured on a perforated plate filter.

Chain-driven brushes and wiper blades clean the perforated plate filter conveying at the same time solids to the discharge point.

Material is removed from the rakes by a wiper and discharged into a dumpster, conveyor or compactor.

Overall Dimensions



MODEL (*)	CHANNEL WIDTH A mm	CHANNEL HEIGHT B m	DISCHARGE HEIGHT FROM CHANNEL BOTTOM C mm	STANDARD SCREENING ZONE HEIGHT D mm (**)	OPENING SIZES mm (*)	INSTALLED POWER kW
GVS 400	400	1 ÷ 6	up to 7 m ***	1,000	3 - 6	0.55
GVS 500	500	1 ÷ 6	up to 7 m ***	1,000	3 - 6	0.55
GVS 600	600	1 ÷ 6	up to 7 m ***	1,000	3 - 6	0.55
GVS 700	700	1 ÷ 6	up to 7 m ***	1,000	3 - 6	0.55
GVS 800	800	1 ÷ 6	up to 7 m ***	1,000	3 - 6	0.55
GVS 1000	1,000	1 ÷ 6	up to 7 m ***	1,000	3 - 6	0.75
GVS 1200	1,200	1 ÷ 6	up to 7 m ***	1,000	3 - 6	0.75
GVS 1400	1,400	1 ÷ 6	up to 7 m ***	1,000	3 - 6	0.75

(*) These are standard models; intermediate values are available. Units wider than 1,400 mm up to 2,000 available upon request
(**) Standard height of the screening zone: 1 m, different heights available
(***) Higher units available upon request

Benefits

- ✓ **Wipers and brushes bolted to the rake mechanism**
- ✓ **Easy replacement design**
- ✓ **Recessed guide channels for drive chains**
- ✓ **Lower chain guide without moving parts**
- ✓ **No lower sprocket, no bearings**
- ✓ **Reduced service requirements (no need to remove screen from channel)**

Technical Features

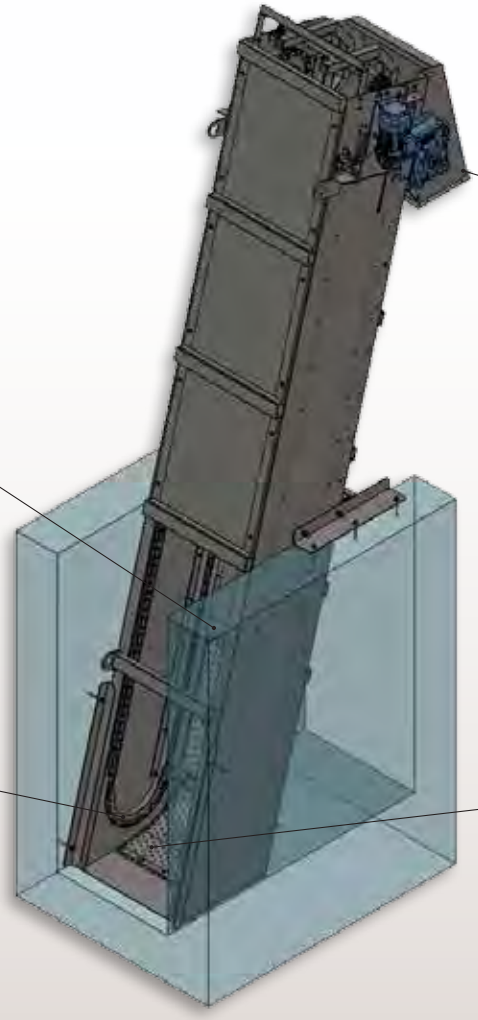
- 3mm ~ 6mm perforation
- 4 or more cleaning blades and wipers depending on screen height
- Channel width: 400 ~ 2,000 mm
- 75-degree incline angle (up to 90° with optional goose-neck)



Wipers



Goose Neck Discharge
(OPTION)





Lower Chain Guide or
Lower Sprocket
(OPTION)



Perforated Screen

Accessories

- Device to stop the rake out of the water

Application







203001293 April 2018 Rights reserved to modify technical specifications.

This brochure has been edited for distribution in European Union countries

SPECO® SAVI® SEPCOM® WAM® MAP® TOREX® EXTRAC® RONCUZZI®

SAVECO™
Member of WAMGROUP®

UNI EN ISO 9001
Certified Company

www.saveco-water.com