

Waste Water Treatment

Sub-vertical Mechanical Fine Bar Screens GVF

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Description ▼

GVF Sub-vertical Mechanical Fine Bar Screens consist of a robust steel frame and a bar filter varying according to the screening efficiency required.

GVF screens are used for medium-fine screening of both civil and industrial sewage.

Waste water flows into the upstream end of the unit where screenings are captured on the bars.

While the chain-driven rakes clean the bars, material is conveyed to the discharge point.

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

Application ▼



Benefits ▼

- ✓ Rake tines precision laser-cut from continuous stainless steel bar;
- ✓ Upper and lower sprocket to maintain strict alignment required by fine bar spacing;
- ✓ Self-lubricating lower bronze bush enclosed in sealed casing ;
- ✓ Reduced service requirements (no need to take screen out of the channel).



www.savi-water.com
www.wamgroup.com

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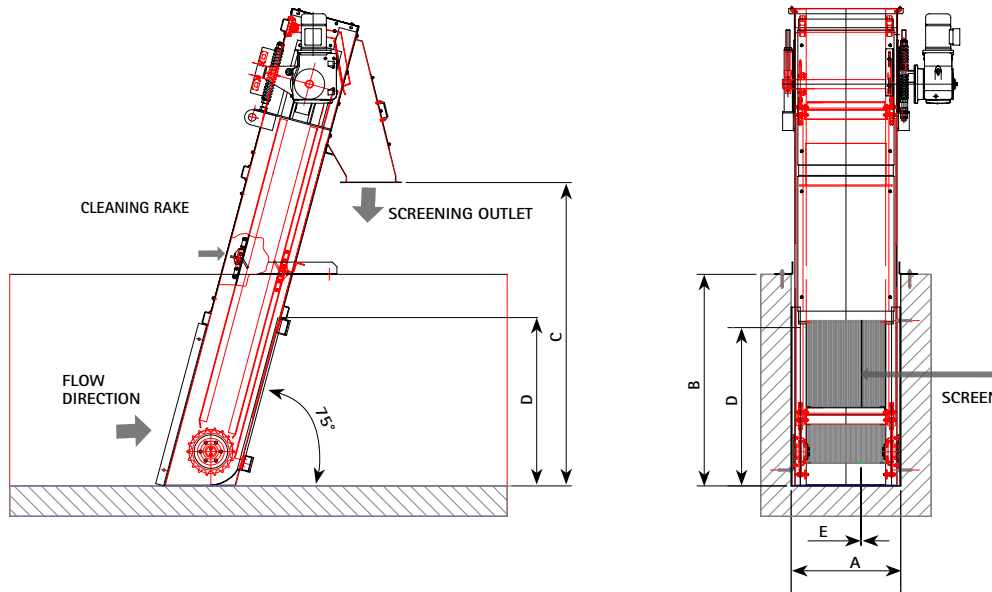
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Technical Features / Performance

- ▶ 6 ~ 10mm spacing
- ▶ 4 or more cleaning rakes depending on screen height
- ▶ Channel width: 400 ~ 2,000 mm
- ▶ 75-degree incline angle
- ▶ Material: hot dip galvanised steel, 304 L / 316 L SS
- ▶ Incline angle other than 75 degrees up to 90 degrees with goose neck (option)
- ▶ Control panel (option)

Overall Dimensions



GVF - SUB-VERTICAL MECHANICAL FINE BAR SCREEN

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
GVF 400	400	1 ÷ 10	up to 7 m ***	1,000	6 - 8 - 10	0.55
GVF 500	500	1 ÷ 10	up to 7 m ***	1,000	6 - 8 - 10	0.55
GVF 600	600	1 ÷ 10	up to 7 m ***	1,000	6 - 8 - 10	0.55
GVF 700	700	1 ÷ 10	up to 7 m ***	1,000	6 - 8 - 10	0.55
GVF 800	800	1 ÷ 10	up to 7 m ***	1,000	6 - 8 - 10	0.55
GVF 1000	1,000	1 ÷ 10	up to 7 m ***	1,000	6 - 8 - 10	0.75
GVF 1200	1,200	1 ÷ 10	up to 7 m ***	1,000	6 - 8 - 10	0.75
GVF 1400	1,400	1 ÷ 10	up to 7 m ***	1,000	6 - 8 - 10	0.75

(*) these are standard models; intermediate values are available. Units wider than 1,400 mm up to 2,000 mm available upon request

(**) standard height of the screening zone: 1,00 m, different heights available

(***) higher units available upon request