WASTE WATER TREATMENT

Sub-vertical Mechanical Fine Bar Screens

GVF







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Member of WAMGROUP®

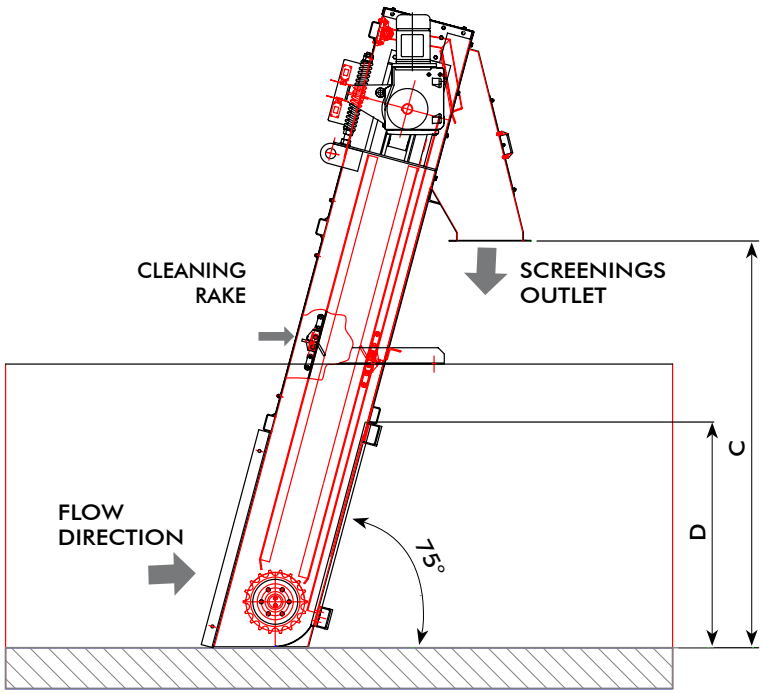
Sub-vertical Mechanical Fine Bar Screens GVF

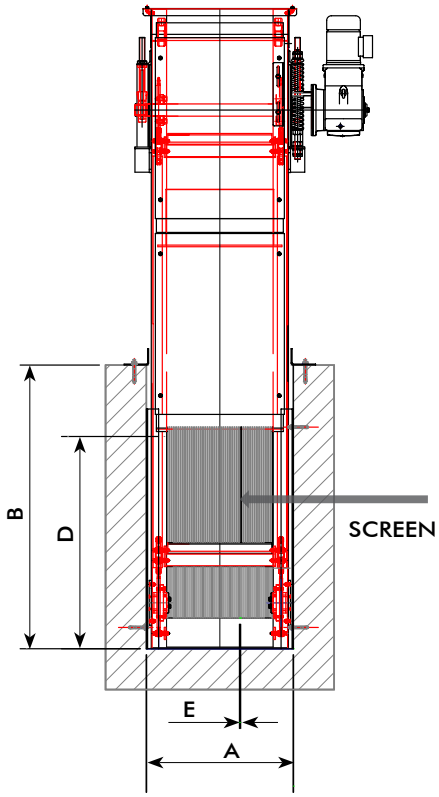
HIGH PROTECTION THROUGH FINE BAR SPACING

GVF Sub-vertical Mechanical Bar Screens are used for medium-fine screening in both municipal and industrial waste water treatment plants.

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

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

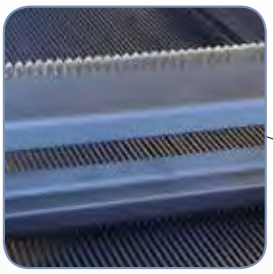
(*) These are standard models; intermediate values are available. Units wider than 1,400 mm up to 2,000 available upon request
(**) Standard height of the screening zone: 1 m, different heights available
(***) Higher units available upon request

Benefits

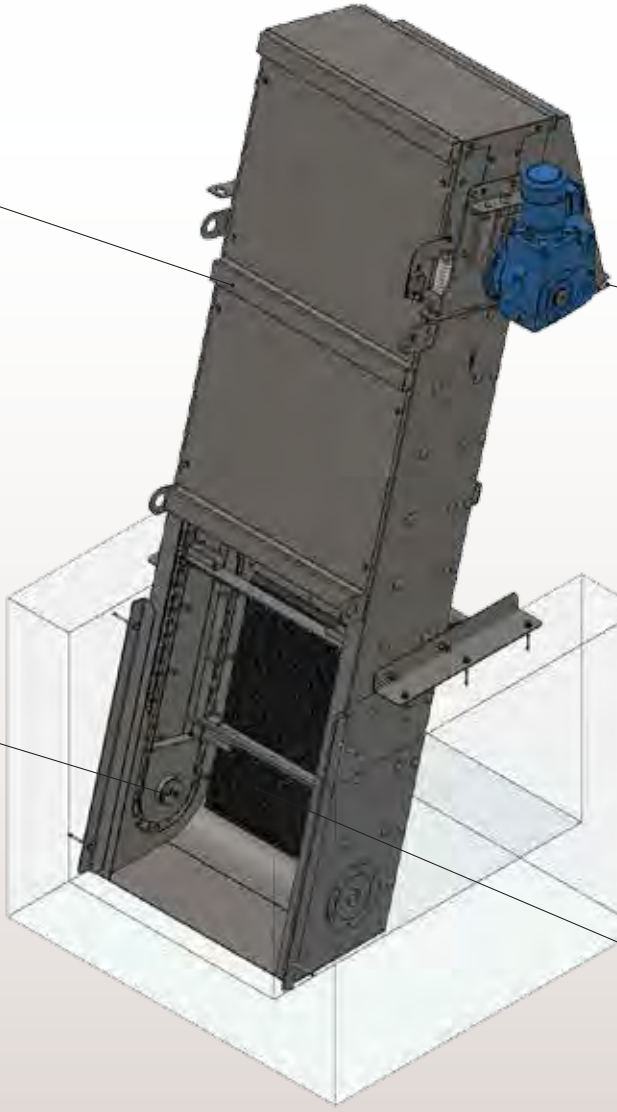
- ✓ **Rake tines precision laser-cut from continuous stainless steel bar**
- ✓ **Upper and lower sprocket to maintain strict alignment required by fine bar spacing**
- ✓ **Self-lubricating lower bronze bush enclosed in sealed casing**
- ✓ **Reduced service requirements (no need to remove screen from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

Technical Features

- 6 ~ 10mm spacing
- 4 or more cleaning rakes depending on screen height
- Channel width: 400 ~ 2,000 mm
- 75-degree incline angle (up to 90° with optional goose-neck)



Rake

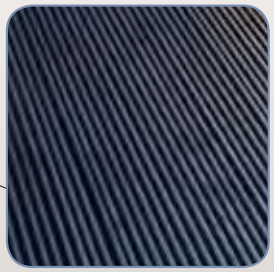




Goose Neck Discharge
(OPTION)



Lower Bottom Sprocket



Bar Field

Accessories

- Device to stop the rake out of the water

Application







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