

JDV STEP / FINE SCREEN

Solids Handling Products

Product Overview

The **JDV Step/Fine Screen** is a proven design as a reliable self-cleaning fine bar screen for fully automated removal of solids from industrial or municipal wastewater. Removal of the non-organic solids helps increase operational plant efficiencies, particularly for downstream processing. The screen's design results in very low head loss and is ideal for in channel applications.



The working principle is simple, but ingenious, using rows of self-cleaning bars in a stair step configuration. Every other bar is fixed and the remaining bars are part of a movable fixture that rotates to deposit screenings on the next "step" up, progressively lifting debris step-by-step for discharge at the top. The operating sequence is regulated by the differential level of wastewater across the screen allowing the screenings to gather and form a pre-coat which is removed to the next step when the proceeding cycle is initiated.

The **JDV Step/Fine Screen** normally operates intermittently to minimize unnecessary wear & tear and to maximize operational efficiencies.

Features	Benefits
Fully Automated and Self-Cleaning	Reduced Maintenance Costs, Lower Total Cost of Ownership
No Chains, Submerged Bearings	
Compact Design Minimizes Need for Valuable Square Footage	Increased Return On Invested Capital and/or Lower Initial Capital Costs.
Intermittent Flow Capacities up to 25 MGD	Design Flexibility
Bar Spacing from 1mm (0.04") to 6mm (0.24")	
Low Head Loss for Use In-Channel Applications	



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Options & Accessories

- 304, 316 or 316L Stainless Steel Construction
- Fully Enclosed Tank
- Ultrasonic Level Indicator/Ball Floats
- Spray Wash Header
- Integrated Compactor
- Control Panel for integration into central control system (SCADA)

Pricing

Pricing varies depending on capacity, channel dimensions and location. Quotations are provided within 48 hours of request when accompanied by minimum required specification data.

Minimum specification data required in order to provide a quote:

1. Required Capacity (MGD)
2. Channel Dimensions (H x W)
3. Location (Indoor/Outdoor)
4. Optional Conveyor(s) and/or Compactors?

Contact JDV

Ensure Success For Your Next Project!

1-973-366-6556 or www.JDVEquipment.com

