



SOLIDS INJECTOR W-FI 50/1000

Tank and injector for dosing material into the water stream

APPLICATION

Re-filling used-up filter material into deacidification filters. Can be used in:

- Water purification plants
- Drinking water treatment plants

PRODUCT DESCRIPTION

The apparatus consists of a filter material silo and a solids dosing unit with mechanically and hydraulically coordinated components for dosing of solids (e.g. shell limestone) into the water stream. A covered hopper is connected to a rotary valve feeder under a silo. The solids are pumped by means of a jet pump. The cover is equipped with perspex covered monitoring opening. A purging device ensures the solids are completely discharged.

DESIGN FEATURES

- Hopper element made of stainless steel
- Ring water pipe for rinsing out the limestone
- Hopper cover with plexiglass for visual inspection
- Connections for gate valve and rotary valve feeder
- The dosed materials are mixed into the water flow by means of a jet pump
- Installation on adjustable feet
- Sizes:
Connection to solids pump DN 50/65
Diameter at top 1,000 mm

ADVANTAGES

- Easy dosing of the solid quantity
- Safe and clean handling
- Refilling of the filter material can be automated
- Visual inspection through plexiglass pane
- Easy access for maintenance work
- Reduced investment and operating costs



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