



JDV NOZZLE MIX SYSTEM

Features

Stainless, Carbon Steel
or Ductile Iron Construction
No Submerged Moving Parts
One (1) Drive (Pump) for Multiple Mixers
Less than 1° Temperature Differential
90%+ Active Volume

Benefits

Design Flexibility
Reduced Maintenance Costs,
Lower Total Cost of Ownership
Increased Operational Efficiency
Process Stability
Scum & Foam Control
Solids Deposition Prevention

The **JDV Nozzle Mix System** is a dual zone mixing technology that provides uniform mixing patterns that produce even distribution and a stable environment.

Facilities employing the JDV Nozzle Mix System will optimize solids suspension and contact to promote efficiency in a wide range of applications. The system is designed with pumps installed outside the tanks to facilitate maintenance. The pumps are typically “chopper” pumps or pumps incorporating in-line grinders that prevent fibrous materials from accumulating and causing plugging problems. The application dictates which type(s) of the many varied pump options that can be used. The high-velocity nozzles are mounted inside the tank and are oriented to discharge in a flow pattern that completely mixes the tank contents.

Contact us today to learn more!
www.jdvequipment.com



WE ARE THE LEADING MANUFACTURER

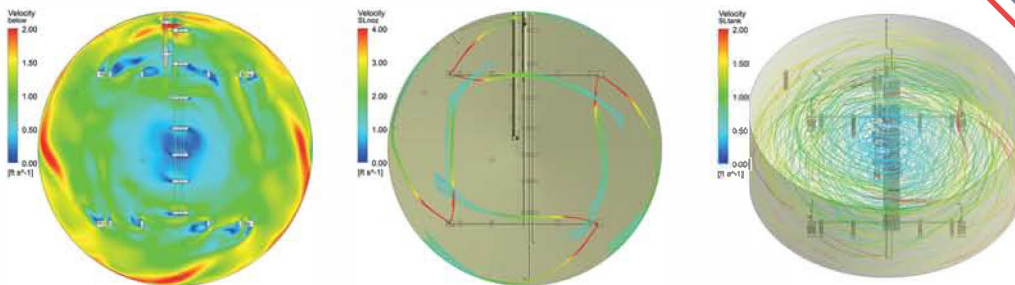
JDV Equipment Corporation is a leading manufacturer and provider of safe, environmentally friendly processing equipment and services for water treatment, wastewater treatment, industrial and agricultural applications.

Pricing

Pricing varies depending on tank volume, solids concentration and operating levels. 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:

- ▶ Tank Volume (ft³ or gallons) or Tank Dimensions (L x W x H ft)
- ▶ Total Solids of Tank
- ▶ Min/Max Operating Levels (ft)



Options & Accessories

- Dual Nozzle Assembly
- Pumps based on Application
- Glass and Rubber Lined Nozzles
- Foam/Scum Suppression Assembly
- Computational Fluid Dynamics (CFD) Analysis
- Ductile Iron, Polyurethane, Carbon or Stainless Steel (SS) Nozzles
- Integral Control Panel for interconnection with facility control systems.

Applications Include: Anaerobic digestion; Biosolids storage; Blending tanks; Excess flow tanks; Septage or leachate; Anoxic Zones; CSO handling; Aerobic digestion; Assist secondary treatment; Biosolids holding ponds



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