

HYDRO SERIES

In-line/Open-channel Grinders

Overview

JWC Environmental's HYDRO series features high-efficiency, dual-shafted waste grinders. The HYDRO series is designed to reduce the size of solids in a liquid/slurry solution to protect downstream equipment such as pumps, centrifuges and heat exchangers.

Applications Include:

- Borehole drilling, oil sands processing, tank bottom cleaning.
- Fats/Oils/Grease (FOG), food/beverage processing, animal and fish processing.
- Biogas digesters, sludge, sewage and more.

1-HYDRO In-line/Open-channel Grinders

The 1-HYDRO is a compact grinder, tough on solids in a variety of applications. It fits into areas with limited space requirements while still providing the necessary power for downstream protection. The 1-HYDRO is an ideal, low-cost solution that fits perfectly into office buildings, apartment complexes, resorts, retail centers and food processing plants.

3-HYDRO In-line/Open-channel Grinders

The 3-HYDRO is a grinder that easily reduces troublesome solids. Its slow-speed, high-torque, dual-shaft design easily shreds tough solids that typically cause problems, including drill cuttings, fish/seafood waste, food waste, manure and more.

4-HYDRO In-line/Open-channel Grinders

The 4-HYDRO excels in wet applications. It's a powerful grinder for large sludge processing systems or any applications with large flow. Industrial applications including fish/beef/poultry processing, petroleum, pulp and paper mills, chemical plants, oil sands processing and recycling plants.

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Features

Dual-shafted Grinder

- Slow-speed, high-torque grinders handle food, rags, rocks, wood, wipes, clothing, plastics and other debris.
- Capable of grinding a wider variety of solids than single-shafted machines, macerators and chopper pumps.

Compact and Efficient Design

- Adapts to many applications with little or no modification.
- HYDRO-IX Industrial Monster incorporates an easy-to-remove cutter cartridge.

Automated Monitoring and Controls

- Load-sensing and reversal mechanism to optimize grinder's performance.

Benefits

Powerful

- Slow-speed, high-torque grinders easily shred tough solids to keep pipes and pumps flowing.

Flexible

- A variety of standard and custom cutters are available to ensure a large variety of tough solids are cut down to size.

Equipment Protection

- Protect pumps, heat exchangers, centrifuges and other critical equipment from costly clogs and damage from tough solids.

Lower Operating Cost

- Clear pipes and pumps mean shorter pump run cycles, lower maintenance costs and lower electrical costs.



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