



Wastewater Grinder Overview



Cutter Cartridge® Technology

Franklin Miller's broad range of grinders and comminutors are designed for both reliability and ease of maintenance. Backed by 100 years of service and technology, these units deliver superior performance, durability and exclusive features.

Franklin Miller grinders reduce a wide variety of materials including sanitary wipes, rags, wood, paper, sludge and more. These units are proven to reduce pump clogging, protect process and dewatering equipment, reduce solids and keep wastewater systems running smoothly. Applications include: wastewater headworks, sludge, recirculation, septage receiving, protecting of dewatering equipment such as belt filter presses and centrifuges, as well as a variety of industrial applications including fish processing, bio-solids, oil transfer and more.

Automatic Control Systems

An S25060 Automatic Reversing Control System monitors unit operation and automatically cycles the grinder in case of an overload condition. This industrial control panel is supplied complete with a NEMA 4X FRP enclosure, 100,000-hour life LED indicators and more.

OPTIONS

- ◆ Submersible Motors
- ◆ Guide Rails
- ◆ Hydraulic Drives
- ◆ Wet Well Frames
- ◆ Stainless Steel Construction
- ◆ Special Purpose Seals
- ◆ Stand and Hopper



TASKMASTER® TM8500

The TASKMASTER® TM8500 series of twin-shaft grinders provide highly effective operation, easy maintenance and exceptional durability. The TM8500 employs *Cutter Cartridge®* technology instead of individual cutters and spacers which improve unit strength and reliability. The TASKMASTER reduces wood, rags, paper, sewage, sludge, tampons, cardboard, plastic, fabrics and waste items into fine particles, for further processing or disposal.

FEATURES

- Finely Ground Output
- Prevents Ragging and Plugging
- Highly Reliable Rugged Construction
- Cutter Cartridge®* Technology
- No Stack Re-tightening



TASKMASTER® INLINE

TASKMASTER® inline grinders employ a powerful twin-shaft mechanism and *Cutter Cartridge®* technology to reduce solids in pipeline systems. These versatile processors feature drop-in housings for fast and easy maintenance without disturbing the pipe system. They easily reduce sewage solids such as wipes and sanitary napkins, sludge and more.

- Effective Twin-shaft Design
- Cutter Cartridge®* Technology
- Reduce Pump Downtime
- Reduce Wipes to Fine Particles
- Highly Reliable Seal Design
- Keep Pipelines Free Flowing



TASKMASTER® TITAN®

The TASKMASTER® TITAN® employs two counter-rotating shafts, but unlike previous twin-shaft grinders, one cutter stack intermeshes with a second one which has a much larger diameter. As a result, this unit has a much higher liquid handling capability than typical high-flow twin-shaft grinders. It has a much larger throat opening that is capable of handling bulky or round objects.

- Large Throat Opening For Larger Solids
- High Flow Capability
- Rugged and Durable
- Positive Feed
- Fine Output
- No Problematic Screens



TASKMASTER® TM1600

The TASKMASTER® TM1600 is a powerful twin-shaft grinder that can handle a large volume of rags, sludge, solid waste, institutional waste, screenings and more. This grinder employs up to a 20HP motor to reduce heavy screenings, correctional institution sanitary waste, wipes, rejects and returns, garments, filters, wood, packaging, documents, electronics, concession waste and more.

- Heavy Duty Construction
- Heavy Solids Capability
- Rugged 2-3/4" Hex Shafting
- Proven Reliable Mechanical Seals
- Channel, Gravity or Pipe Systems



SUPER SHREDDER®

The SUPER SHREDDER® inline disintegrator reduces tough solids entrained in pipeline systems. This unit combines world class size reduction capabilities with a streamlined, easy-to-maintain design that features only two working elements. The SUPER SHREDDER is ideal for applications requiring a heavy-duty size reduction processor that can handle high flows with minimal headloss.

- Powerful Grinding Capabilities
- Finely Ground Output
- High Flow Capability
- Low Headloss
- Few Moving Parts
- Hardfaced Stainless Steel Cutters



DIMMINUTOR®

The DIMMINUTOR® provides automatic screening and grinding of liquid borne solids in open channels with a unique, low headloss design. Unlike competing designs, each DIMMINUTOR cutter can be individually replaced or swapped. There are no seals or bearings below the cutters. With its rugged construction and perfected design, the DIMMINUTOR has proven its reliability in applications worldwide.

- Keeps Systems Running Smoothly
- High Flow, Low Headloss
- Rugged Seamless Screen
- Efficient Design
- Individually Replaceable Cutters
- No Bottom Seals or Bearings

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