

TURBO **DIMMINUTOR®**

Automatic Channel Screening and Grinding of Water-borne Solids

The DIMMINUTOR provides automatic screening and grinding of liquid borne solids with a straight through open channel design. This unit reduces plastics, wood, vegetable matter, disposables, and other oversized items to a fine particulate. The DIMMINUTOR's unique features, heavy precision construction, dependable operation and simplified maintenance have earned it a solid reputation amongst operators and specifying engineers worldwide.

Keeps Systems Running Smoothly

Streamlined, Efficient Design

Rugged Seamless Screen

High Flow, Low Headloss

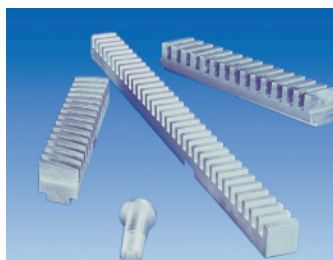
Stainless Cutters and Screen

No Bottom Seals or Bearings

Easily Upgrades Existing Comminutors

Continuous Torque Rotation

The DIMMINUTOR employs a smooth, continuously rotating design with high torque always available on demand. As its three bi-directional rotary cutters intermesh at close clearance with stationary cutters, solids are finely reduced to a size small enough to pass through a sizing screen. The DIMMINUTOR is designed for unobstructed flow even during reversing cycles. The DIMMINUTOR design has no gaps or openings between the screen and cutters so output is controlled and complete reduction assured.



Precision stainless steel cutters.



Highly Reliable Operation

The Dimminutor is designed for reliable operation and easy maintenance. For example, with its cantilevered design, the Dimminutor needs no seals or bearings near the gritty channel floor. The unit's screen is stationary so it never wears against bottom grit. Each cutter is interchangeable and cutters can be removed or adjusted independently. The unit's seals and bearings are immersed in an oil bath for long life and low maintenance.

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SEE THE
DIFFERENCE

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DIMMINUTOR - CHANNEL GRINDER

Construction

Every DIMMINUTOR component is constructed for long life and precision. The cutters are constructed of hardened stainless steel for superior corrosion resistance. With the DIMMINUTOR's unique CLEAR-SLOT screen system, the cutters actually penetrate the individual slots of the screen and clear them with each revolution. The screens are precision cut from rugged stainless steel plate using laser technology. The result is a highly precise and durable screen. Full stainless steel construction is an available option.

It's Turbo for a Clean Sweep!

Turbo models combine the Dimminutor's many maintenance advantages with even more powerful and effective processing. First, a new ultra-precision screen has been added with a unique, seamless design that features no gaps or crevices. Next, the Turbo features added power and faster sweeping and clearing action. The result is intensive Turbo performance.

Options

- Submersible Motors
- Hydraulic Drives
- Shaft Extensions
- Channel Frames
- Wet Well Frames
- Overflow Bar Screen
- Guide Rails
- Stainless Construction
- S250 Control System



Top-Row: DIMMINUTOR DUPLEX features two complete cutting chambers and twice the capacity. A pair of T15's installed at plant headworks.
Bottom-Row: A T36XF (left) and T36 (right) in action.

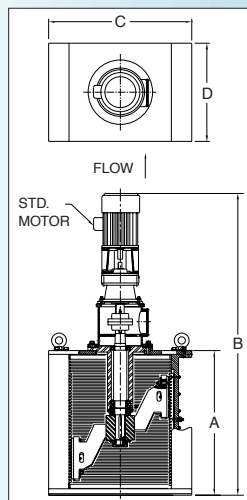


The Dimminutor interior features individually removable stainless steel cutters and no bottom seal.

Configurations

The DIMMINUTOR is designed for ease of use and versatility. These units can be installed in straight thru channels, wet

wells or water inlets. They can be installed for full or occasional submergence. Units can be supplied with standard bolt down sole plate, support frames, or channel frames. Guide rails can also be supplied to facilitate removal from wet wells. A variety of drive configurations is available to meet most installation requirements including: standard electric motors, dry-running, submersible explosion proof motors, extended shafts, or hydraulic systems.



MODEL NO.	A	B	C	D	FLOW RANGE Avg. (MGD)	CAPACITY Max (MGD)	SHIP. WEIGHT	HP
DM-T15	22-5/8 (575mm)	57-9/16 (1473mm)	19 (483mm)	15-1/4 (587mm)	0.6 - 4.5	5.0	750	3
DM-T20	27-1/2 (699mm)	62-7/16 (1626mm)	29 (737mm)	24 (610mm)	1.0 - 7.3	8.3	1000	3
DM-T25	35 (889mm)	70-1/6 (1829mm)	35 (889mm)	29 (737mm)	1.6 - 12.2	13.8	1600	3
DM-T25XF	44-5/8 (1133mm)	83-7/8 (2134mm)	35 (889mm)	29 (737mm)	1.7 - 12.8	16.6	1740	3
DM-T36	44-5/8 (1133mm)	83-7/8 (2134mm)	47 (1194mm)	42 (1067mm)	2.8 - 21.5	24.3	2800	3
DM-T36XF	58 (1473mm)	110-1/8 (2845mm)	47 (1194mm)	42 (1067mm)	3.9 - 29.7	33.6	3400	5
DM-T42	58 (1473mm)	130 (3302mm)	53 (1346mm)	47 (1194mm)	4.6 - 32.6	42.5	4400	5

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Call one of our customer service representatives to discuss your particular application.