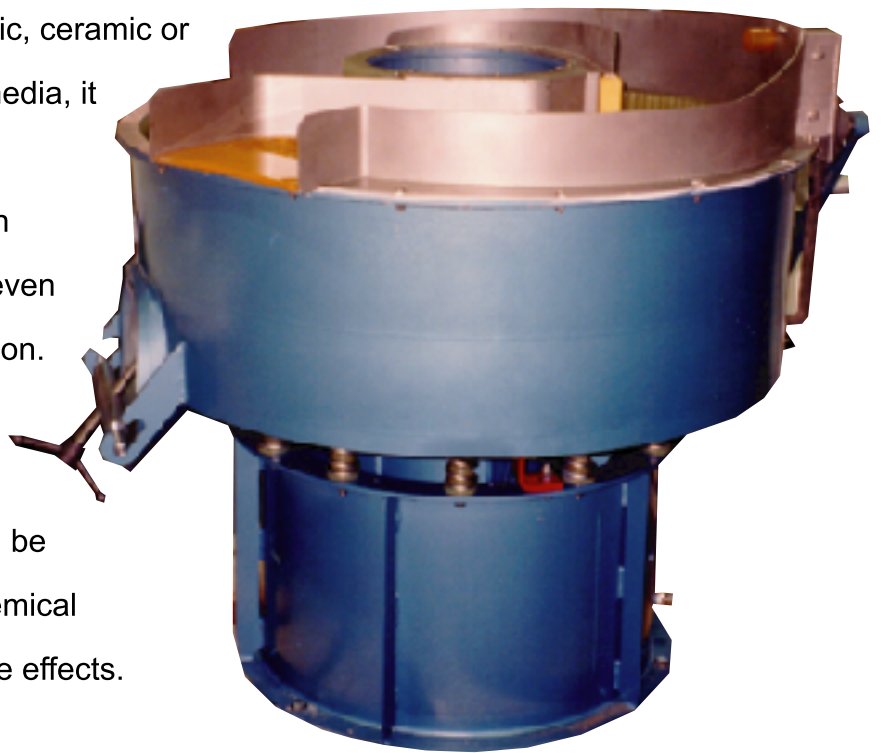


SWECO®

FMD-10LR FINISHING MILL

SEMI-AUTOMATIC INTERNAL SEPARATION MILL

Sweco® now offers a 10-cubic foot unit containing all the advantages of Sweco's unique Vibro-Energy® finishing plus new design features for easier operation and even more efficiency. The FMD-10LR has an improved internal parts/media separation system that installs quickly for faster unloading. It may also be augmented by Sweco external separating systems, or magnetic collection for use with ferrous parts. The complete spectrum of finishing, from rough to delicate, can be quickly and efficiently handled by the Model FMD-10LR Finishing Mill. It will process a wide range of materials: metal, plastic, ceramic or elastomeric parts. With the proper media, it will perform deburring, flash removal, edge-breaking, metal clean-up, rough surface work or prepaint finishing -- even radiusing or precision surface reduction. It can improve surface appearance and develop reflectivity. And the controlled action of Vibro-Energy can be utilized for descaling, burnishing, chemical treating, or to produce special surface effects.



We Put Technology In Motion™
www.sweco.com

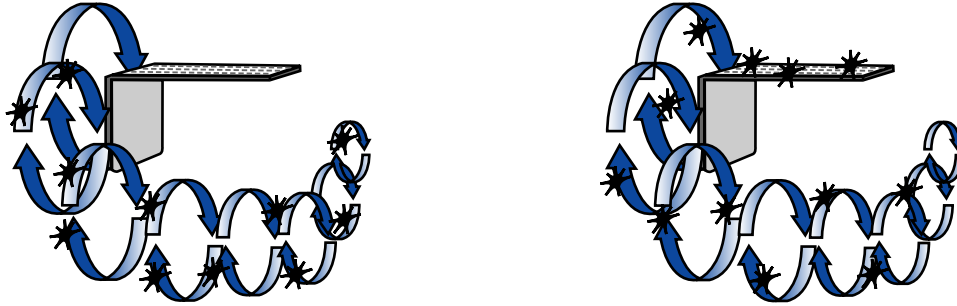
Sound levels have been reduced by the use of special materials and new fabrication techniques.

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Simple, Quick Removal of Finished Parts !

Semi-Automatic Parts Unloading

The FMD-10LR is equipped with semi-automatic parts-separating accessories which may be used to quickly and simply remove finished parts from the media at the end of the process cycle. The separating step is accomplished completely within the machine, and media need not be unloaded. Lowering of the dam



interrupts the clockwise precession of the mass and causes it to climb in a helical pattern over the dam. The screen frame receives parts and media feeding over the dam. Media falls through the screen, remaining in the machine, while parts are conveyed across the screen and out of the unit. Unloading cycle time is approximately 4-7 minutes, depending on parts load size.

Description and Specifications

- Capacity** Ten cubic feet of parts and media (actual working capacity). Maximum total load 2,500 pounds. Maximum part length 24" or more, depending on part cross-section and batch size.
- Size** Maximum height 45"; diameter 48"; floor area 16 ft². Shipping weight approximately 1,025 lbs.
- Chamber** 13-7/8" maximum width by 13-5/8" depth. Abrasion-resistant lining of cast polyurethane with 3/4" minimum thickness in high-wear areas.
- Parts Separating System** Cast polyurethane dam for parts protection. Screen frame assembly supplied with four easily replaceable screen sizes for a wide range of parts and media.
- Compound Feed System** Spray nozzles mounted on center column. Compound and water connections, are mounted on base assembly.
- Process Controls** Eccentric weights are easily varied for proper amplitude levels. Worm and pinion adjustment for proper lead angle. No tools required.
- Power Unit** 5 H.P., totally enclosed, non-ventilated, 1200 RPM Sweco motor, 230/460 volt, 3-phase, 60 Hz. Grease lubricated.
- Construction** All welded steel construction, rigidly gusseted. Special features for low noise operation and minimum vibration transfer to floor.
- Media Removal** 6" x 12" manually operated discharge door.
- Machine Drain** Lever-operated 3" diameter drain with replaceable polyurethane grid, 1/8" grid openings. 1-1/2" drain hose connection.



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