

# FMSL 8 & 16 Centrifugal Disc Finisher

## Features

- Highly wear resistant hot-poured urethane insert & bowls.
- Optimized disk geometry for ideal rotation & media flow
- Digital timer for easy time adjustment with auto reverse
- Specially developed gap technique w/twist gap adjustment system
- Variable speed control
- Includes media separation equipment built in with media storage bins
- Optional Touch Screen PLC Unit available (standard on 3 and 4 bowl unit)
- Optional extra media bins and shelves can be installed
- Optional locking swivel casters can be added for a complete portable system!

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## FMSL 8, 16 Series

Larger capacity floor model available in single, double or triple chamber configurations. Wet or dry processing chambers can be specified in any combination. For precision deburring of all types of stamped or machined parts.

Excellent for finishing conventional materials such as brass, copper, steel and aluminum as well as alloys such as kovar, inconel, stainless steel, titanium etc... Centrifugal disc finishing technology enables deburring into grooves and corners that conventional vibratory or tumbling is unable to reach.

Cycle times are dramatically reduced by up to 1/10<sup>th</sup> of normal deburring cycles. Flat part thicknesses as low as .012 can be processed. Hollow wall parts with thicknesses as low as .003 can be gently deburred or polished. Easy to use, low maintenance. Excellent for the micro electronic and medical device industries.

## MACHINE DESIGN

A specially designed gap system allows the use of the finest polishing and grinding media and is one of the easiest gap systems to adjust. The dry process chamber includes an air cushion ensures fine media particles do not penetrate the gap area and further serves to cool the media and gap area. The wet bowl includes a dosing pump with low-level shut-off switch that stops the machine if the compound has run out.

Machine frame is constructed of heavy-duty aluminum construction and includes a commercial grade ventilated control panel with high-quality electronic modular components. Motors are thermally protected.

## TECHNICAL DATA

Machine Type	Height (mm)	Width (mm)	Depth (mm)	Volume (L)	Weight kg	Power Consumption
SL 8/1	1490	670	850	1 x 8	82	.45 kW/230V
SL 8/2	1490	1080	850	2 x 8	137	.90 kW/230V
SL 8/3	1490	1490	850	3 x 8	196	1.35 kW/400V
SL 16/1	1490	710	990	1 x 16	100	.85 KW/230V
SL 16/2	1490	1160	990	2 x 16	165	1.7 KW/230V
SL 16/3	1490	1610	990	3 x 16	240	2.55 KW/400V

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