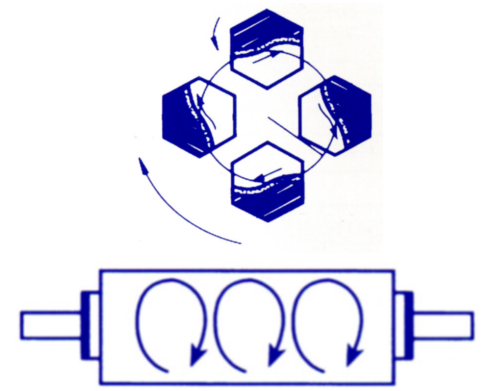


FINISH•MASTER™
Centrifugal Barrel Finishers
FMCB Series High-Energy Machines



■ FMCB-2



**High-Energy, Compact,
Economical**



■ FMCB-1.8

FMCB Series

FMCB Series

FINISH•MASTER Centrifugal Barrel Finishers

Bel Air Centrifugal Barrel Finishers are used in a wide range of industrial applications, from aggressive deburring and surface improvement, to very intricate finishing of extremely delicate parts. The simple, user-friendly design allows for much shorter process times than with vibratory machines, and the ability to handle both wet and dry processes.

The barrels are mounted on a large turret. Once media, parts, and water level are established, the rotation of the direct drive system creates a substantial force within the barrels, which rotate in the opposite direction. This results in high-energy finishing with reduced cycle times. Barrels are driven via synchronous belt.

Bel Air is a system integrator, and all equipment can be modified or adapted to fit cellular or JIT manufacturing platforms.



Easy Roll-Out Separation Cart



Stainless steel workstations with accessories

Standard Features:

- Hinged barrels with clamps
- Durable, removable polyurethane liners
- Variable speed
- Precise jog controls
- Safety interlock
- Heavy steel construction with durable powder coating
- Geared motor for auto unload
- 100 recipe program slots

Optional Features:

- Liners with part dividers
- Metal reinforced liners
- Overheat monitoring
- Pressure release valves
- Belt tightening system
- Unbalance weight detection
- Vibratory screen separator
- Compound dosing system

Model	Dimensions (W x D x H, in.)	Capacity (cu. ft./liters)	Barrel Dimensions (W x D, in.)	# of Barrels	Motor (kW/HP)	Max RPM
FMCB-1	40.94 x 33.07 x 62.01	1.05/30	11.49 x 6.81	4	3.75 kW/5.1 HP	250
FMCB-1.4	61.81 x 48.03 x 61.41	1.41/40	7.08 x 18.89	3	4 kW/5.4 HP	225
FMCB-1.8	78.74 x 48.42 x 76.77	1.88/50	7.08 x 18.89	4	5.5 kW/7.5 HP	175
FMCB-2	43.25 x 47.25 x 56.25	2.0/56.6	16.50 x 8.25	4	2.9 kW/4 HP	170
FMCB-2.8	64.56 x 50 x 106.29	2.82/80	8.46 x 20.47	4	5.5 kW/7.5 HP	150
FMCB-3	53.0 x 58.5 x 64.0	3.5/99.1	18.5 x 9.4	4	7.5 kW/10 HP	150
FMCB-4.2	63 x 86.61 x 88.58	4.2/120	29.5 x 8.46	4	7 kW/9.4 HP	130
FMCB-5	53.0 x 61.0 x 72.0	5.5/155.7	21.0 x 11.3	4	8.8 kW/12 HP	130
FMCB-7	58.5 x 65.0 x 75.0	7.0/198.2	23.4 x 12.7	4	11 kW/15 HP	110
FMCB-8.4	68.5 x 67.71 x 120.07	8.47/240	14.37 x 27.28	4	11 kW/15 HP	125