

MC 3000/MC 5000

Data sheet

The MC 3000/MC 5000 has been developed for continuous cutting of continuous trim.

The MC 3000/MC 5000 consists of a fixed and a rotating set of blades driven by a direct-coupled motor. The angled rotating blades provide shockfree cutting and reduce the operating noise level.

The shaftless cutting chamber and the fact that the end discs of the rotor serve as part of the cutting chamber prevents any chance of wraps.

The rotor is mounted in "seal for life" precision ball bearings. The MC 3000/MC 5000 is installed in a pipe system in connection with either paper and printing press machinery or postprocessing machinery, material is either endless paper trims and trims from cardboard or plastic film.

The knives are supplied in standard hardened steel with good resistance to wear and extended service life. Tungsten Carbide knives are also available for use with abrasive materials. These knives last normally 10 times longer than standard knives.

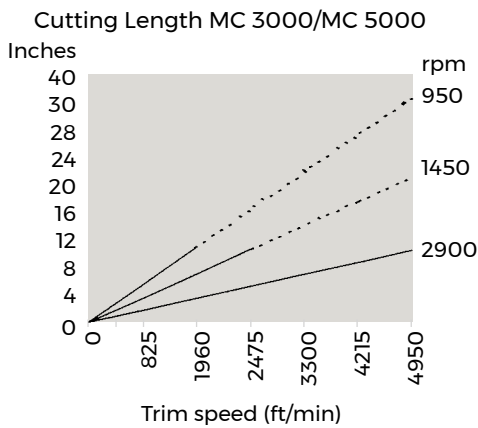


Technical Data

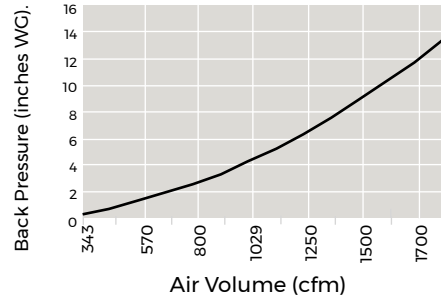
Blades are available in standard hardened steel with good resistance to wear and extended service life. Optional blades in tungsten carbide are also available.

To obtain variable cutting speed, the cutter can be operated via an electrical frequency control - min. RPM 600.

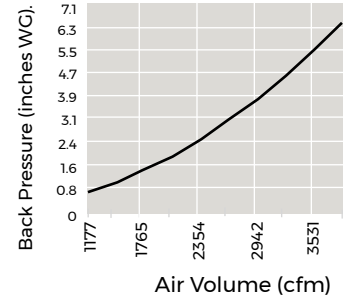
MC 3000/MC 5000	
Rotor	Angled Rotating 6/2 rotating knives 1 fixed knife



Pressure loss across MC 3000



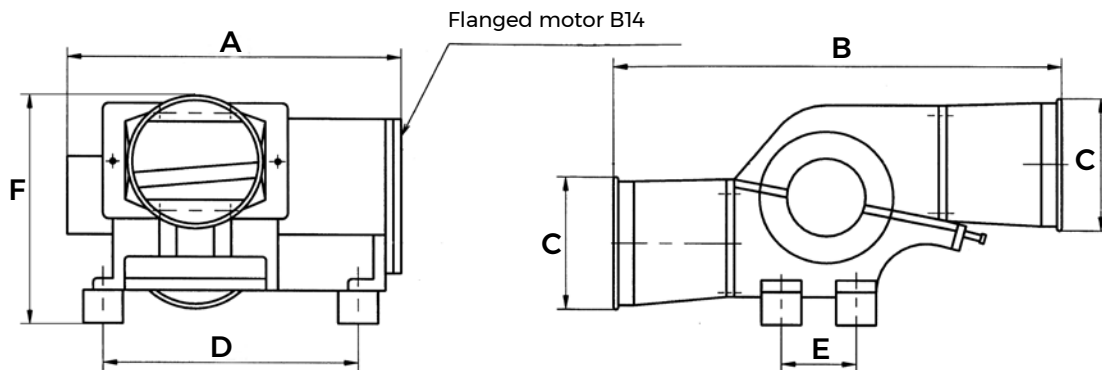
Pressure loss across MC 5000



RPM	2900	1450	900
Motor size MC 3000	56 C/1HP	56 C/1HP	56 C/1HP
Motor size MC 5000		5 HP/2HP	1.5HP
Weight MC 3000 incl. motor, lbs	103	172	108
Weight MC 5000 incl. motor, lbs		319	328
Wiring	3 x 460V, 60 Hz - 3 x 575V, 60 Hz		
Start	Manual/Direct		

Dimensions (inches)

	A	B	C	D	E	F
MC 3000	17	23	OK160/OK200	13	4	12
MC 5000	25	41	OK200/FK250	22	8	18



Kongskilde Industries USA Inc.
 1802 Industrial Park Drive, Unit A
 Normal, IL 61761
 Tel.: (309) 452-3300
 kna@kongskilde-industries.com
 www.kongskilde-industries.com

