

Magnetic Barrel Machine

CMF Series

シーエムエフシリーズ

*Magnetic Barrel Machine for various applications
proposed by the barrel finishing machine manufacturer*

Luster finishing for jewelry,
precious metals etc

Surface smoothing for
medical related workpieces,
tooth material etc



Tipton Corp.

Benefit

Applicable to complex shape and small workpieces which conventional barrel finishing machine has disadvantage to finish.

Switchable between dry finishing and wet finishing by interchangeable bowls

Applicable speed control & FWD/REV

Programmable FWD/REV & timer

Structure

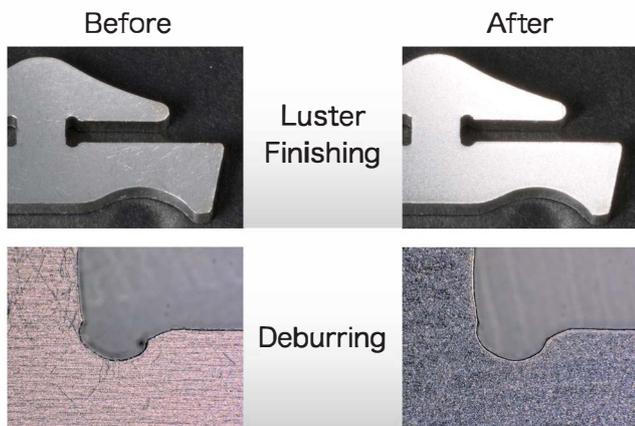
Process by Magnetic barrel finishing method

Many powerful magnets are placed in a magnet disk. By changing the alternating polarity(N pole/S pole) constantly, the steel pins in the bowl are allowed to follow the magnetic force creating mass flow and process workpieces.

Process by centrifugal disc finishing method

Easily switch the finishing method with no replacement of machine base by replacing the specially designed bowl with rotating disk. It enables to finish non-ferrous materials which are not finished by a conventional magnetic barrel machine.

Processed Examples



FLEX-SYSTEM

Switchable between wet processing and dry processing with no replacement of machine base by interchanging two types bowls

Wet Processing

Using steel pins in magnetic barrel machine

Dry Processing

Using dry media in centrifugal disc finishing machine



Application

Luster Finishing

Surface Smoothing

Descaling

Radiusing Edges

Option



Dry bowl for dry process only for CM-610

Switchable to dry processing by interchanging the bowl (FLEX-SYSTEM)

Model	Footprint (mm)	Overall Height (mm)	Weight (kg)	Barrel Bowl Capacity(L)	Power	Speed Control	Dry Bowl for Dry Process	Other	
CMF410	Discontinued Model								Programmable FWD/REV & Timer
CMF610	245 × 245	374(Wet)/400(Dry)	8.9(Wet)/9.5(Dry)	Approx. 1.6	AC 115V (50Hz)	●	○		
CMF900	305 × 305	508	20.0	Approx. 4.8		●			

※Footprint does not include the Button portion.

※Overall height and Weight include the bowl.

※The specifications of machines may be changed for improvement without prior notice.

○:Option



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