

PECM Machine – PO 100 SF



EMAG ECM – PO 100 SF

The PO 100 SF is perfect for the efficient and precise machining of turbine blades.

The base of the PO 100 SF is made of MINERALIT® polymer concrete which is eight times more vibration resistant than gray cast iron. This feature allows the machine and tools to experience less vibration.

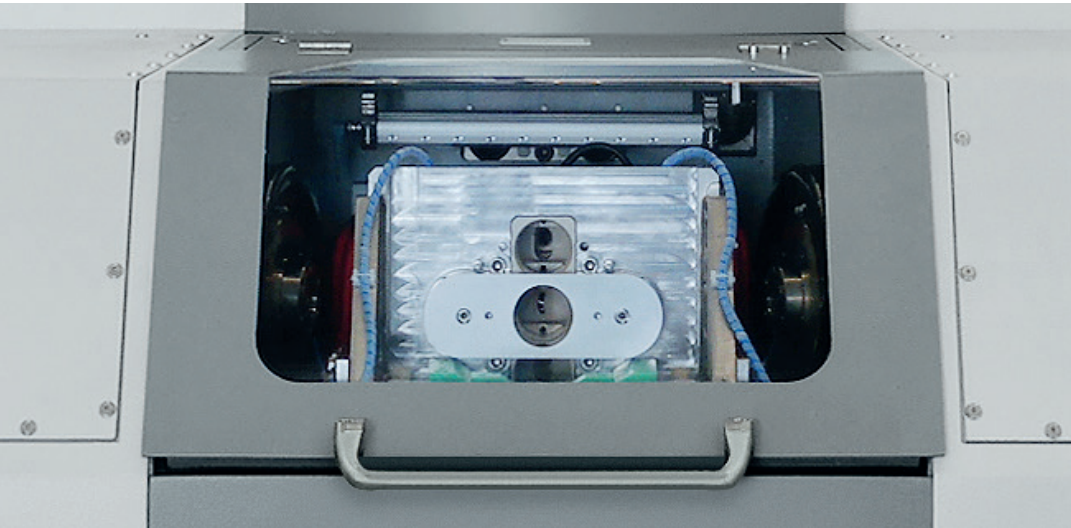
The machining takes place using two opposite axes. This means that individual turbine blades with 3-D shapes and high accuracy / surface requirements can be produced using a completely new approach.

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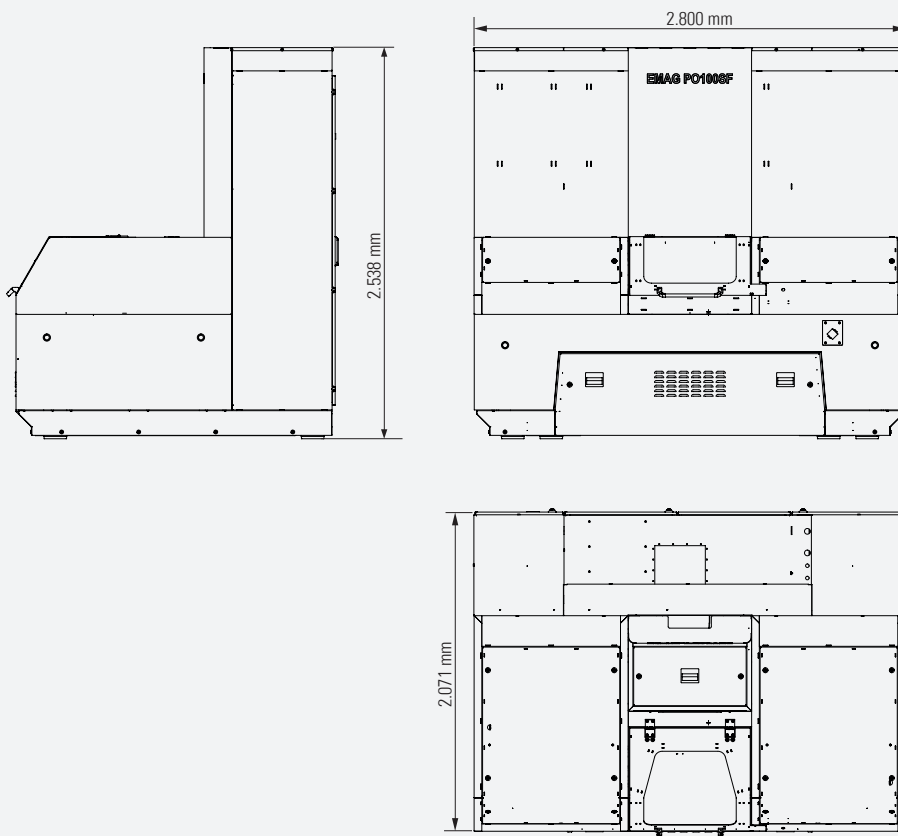


PO 100 SF – Single Foil



EMAG ECM – PO 100 SF

- + Machine base made of MINERALIT® polymer concrete
- + Two oscillators with play-free precision drive
- + X1 and X2 axes with max. 25 kN axial force
- + SIEMENS SINUMERIK 840 D sl machine control unit
- + Scalable generator technology / pulse technology
- + Pulse duration from 50 µs to DC (direct current)
- + Electrolyte management system tailored to the machining task



TECHNICAL DATA

Machining area	mm	750 x 600
	inch	30 x 24
Clamping surface	mm	370 x 450 x 360
	inch	15 x 18 x 14
Generator capacity	A (DC)	2 x 2,500 - 5,000
Generator capacity	A (pulse)	2 x 6,000 - 12,000

Data subject to change. The layout may change to fit technical requirement.
All systems are built to current CE standards.

