

PECM Machine – PO 900 BF



EMAG ECM PO 900 BF

The PO 900 BF is perfect for the complete machining of blisks for aircraft engines and turbine production.

The base of the PO 100 BF is constructed out of MINERALIT® polymer concrete that is 8 times more vibration resistant than gray cast iron. This allows the machine and tool to experience less vibration.

The machining takes place using multiple axes. This means that complete blisks with 3-D shapes and high accuracy / surface requirements can be produced using a completely new approach.

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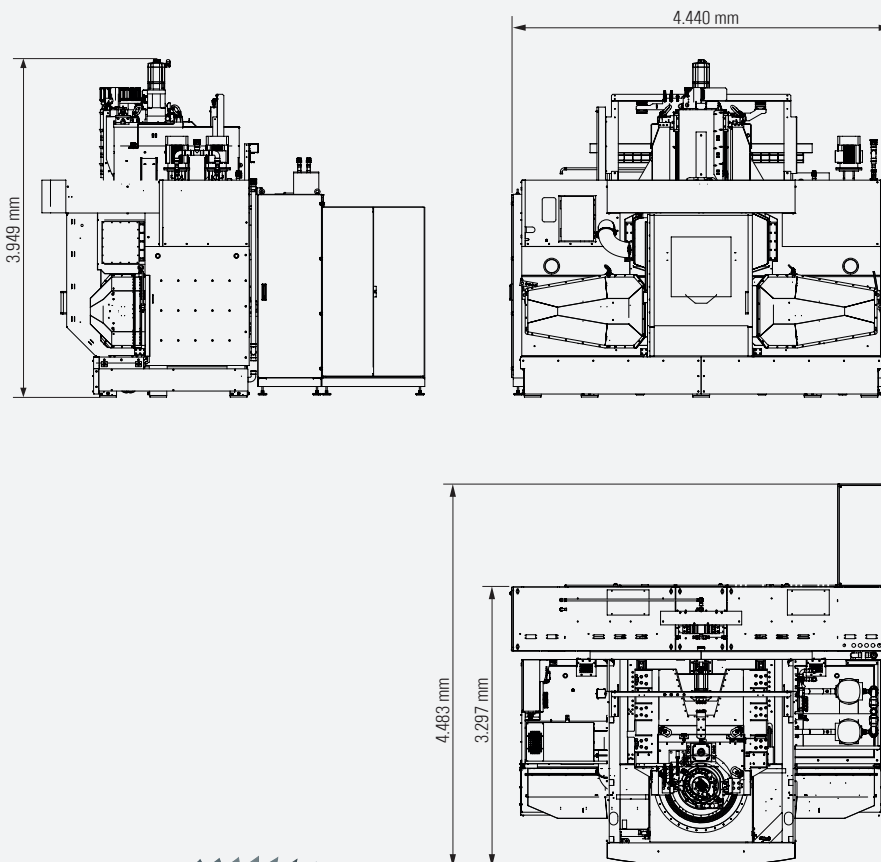


PO 900 BF – Blisk Foil



EMAG ECM – PO 900 BF

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



TECHNICAL DATA

Component diameter up to	mm	900
	inch	35.5
Workpiece weight up to	kg	300
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.

