

PECM Machine – PTS



PECM TECHNOLOGY FOR MACHINING COMPLICATED 2-D AND 3-D GEOMETRIES

The EMAG PTS machining unit has a base made of MINERALIT®, a polymer concrete which is eight times more resistant to vibration than gray cast iron. This outstanding feature allows the tools and machine to experience less vibration.

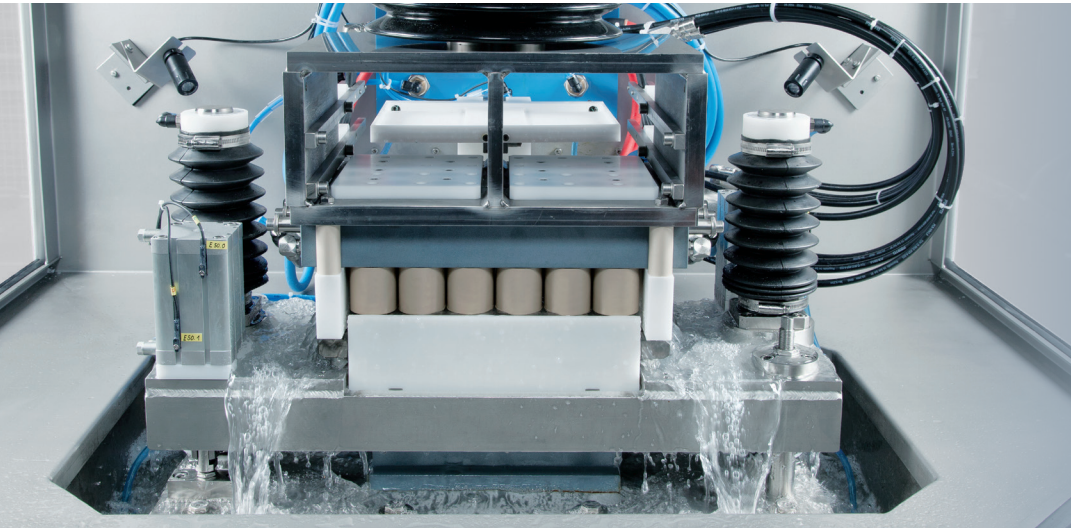
PECM technology is perfect for machining materials that are difficult to cut precisely. Jobs that require high accuracy and surface requirements can be performed using this completely new approach.

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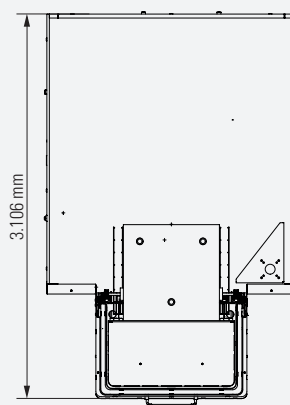
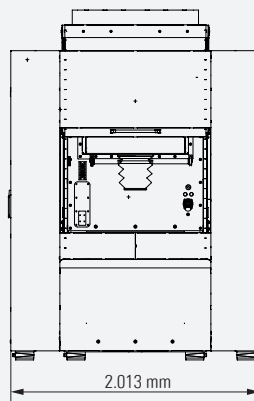
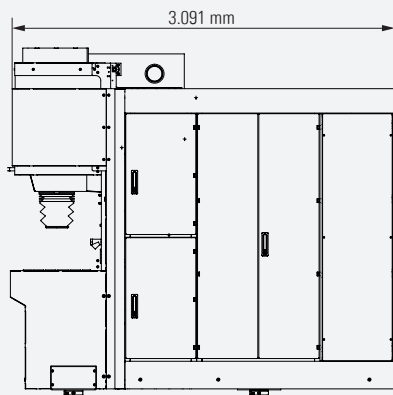


PTS



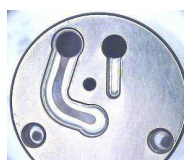
EMAG ECM – PTS:

- + Machine base made of MINERALIT® polymer concrete
- + Oscillator with play-free precision drive
- + Z-axis with max. 25 kN axial load
- + 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
- + Enclosed machining area with lifting door



TECHNICAL DATA

| | | |
|--------------------|-----------|--------------------|
| Machining area | mm | 1,070 x 700 |
| | inch | 42 x 27.5 |
| Clamping surface | mm | 800 x 550 x 515 |
| | inch | 31.5 x 21.5 x 20.5 |
| Generator capacity | A (DC) | 2,500 – 5,000 |
| Generator capacity | A (pulse) | 6,000 – 12,000 |



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