

# ECM Machine – CS



## ECM SYSTEM – CS

The Comfort Standard (CS) model is the perfect entry system for automating the ECM process.

- » Modular machine concept
- » Manual or semi-automatic version as starter system
- » Fast upgrade to full automation
- » Smart software and hardware interfaces

The CS single machine provides the basis for a modular automation concept. This reduces investment costs because it is only necessary to invest in the interlinking of several processes (e.g. pre-washing, ECM station 1, ECM station 2, follow-up treatment, automation) once production increases.

The CS is ideal for the following:

- » ECM machining
- » ECM drilling
- » ECM “broaching”
- » ECM deburring

on a wide range of components.

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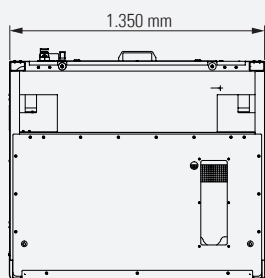
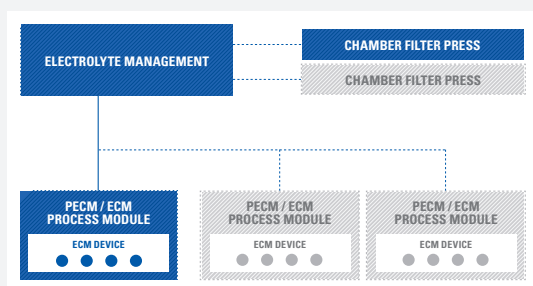
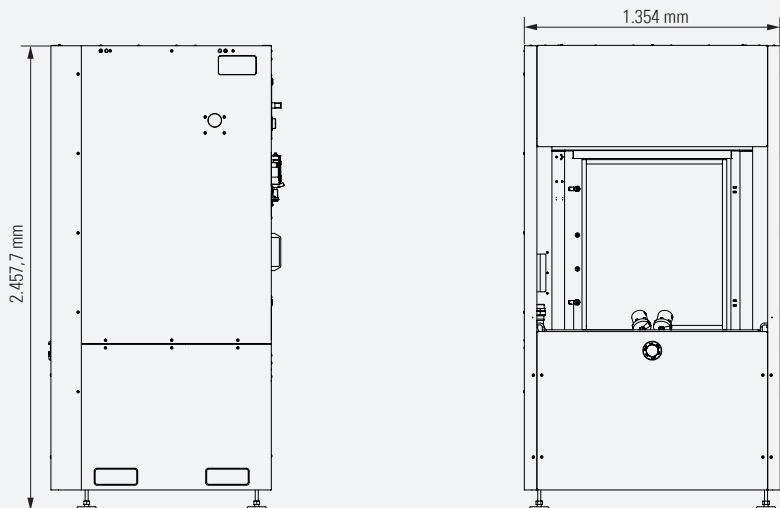


# CS – Comfort Standard



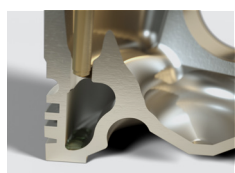
## EMAG ECM – CS

- + Modular design
- + Scalable generator / pulse technology
- + SIEMENS S7-300 machine control unit
- + All parameters are monitored by a control unit
- + Quill stroke with safety interlock
- + Pulse duration from 50  $\mu$ s to DC (direct current)
- + Manual or semi-automatic version as starter system
- + Fast upgrade to full automation
- + Options available for improving processes and productivity
- + Electrolyte management system tailored to the machining task
- + Also optionally available with two machining areas in the form of the CS-DUO
- + Also optionally available in the large version in the form of the CL or CL-DUO



## TECHNICAL DATA

Machining area	mm	1,150 x 950
	inch	45 x 37.5
Clamping surface	mm	1,300 x 800 x 900
	inch	51 x 31.5 x 35.5
Generator capacity	A (DC)	400 – 2,500
Generator capacity	A (pulse)	400 – 6,000



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