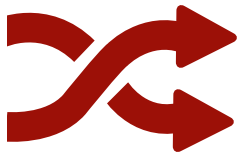


IMPACT SPRAY SYSTEM EvoCSII

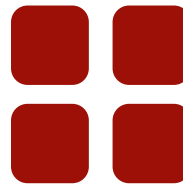
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Key facts:

- Increased nominal pressures of the individual system components
- Impact Gun 5/8 EvoCSII → 50 bar / 800 °C
- Impact Gun 6/11 EvoCSII → switchable 50 bar / 1100 °C and 60 bar / 1000 °C
- Impact EC-GM-Unit EvoCSII → 100 bar
- Impact Powder Feeder EvoCSII → 60 bar or 80 bar
- Impact PH-Unit EvoCSII → 100 bar
- Process gas nitrogen or helium (or a mixture of both)



2 Guns for
parallel operation



4 Powder Feeders
for parallel operation

The latest cold spray system from Impact Innovations is called Impact Spray System EvoCSII. All developments and experiences of the last ten years were used as the basis to design a perfectly coordinated plug and play solution. Impact Innovations achieved to offer customers consistently high quality for single part and series production based on a durable but also maintenance-friendly system architecture through intelligent process control.

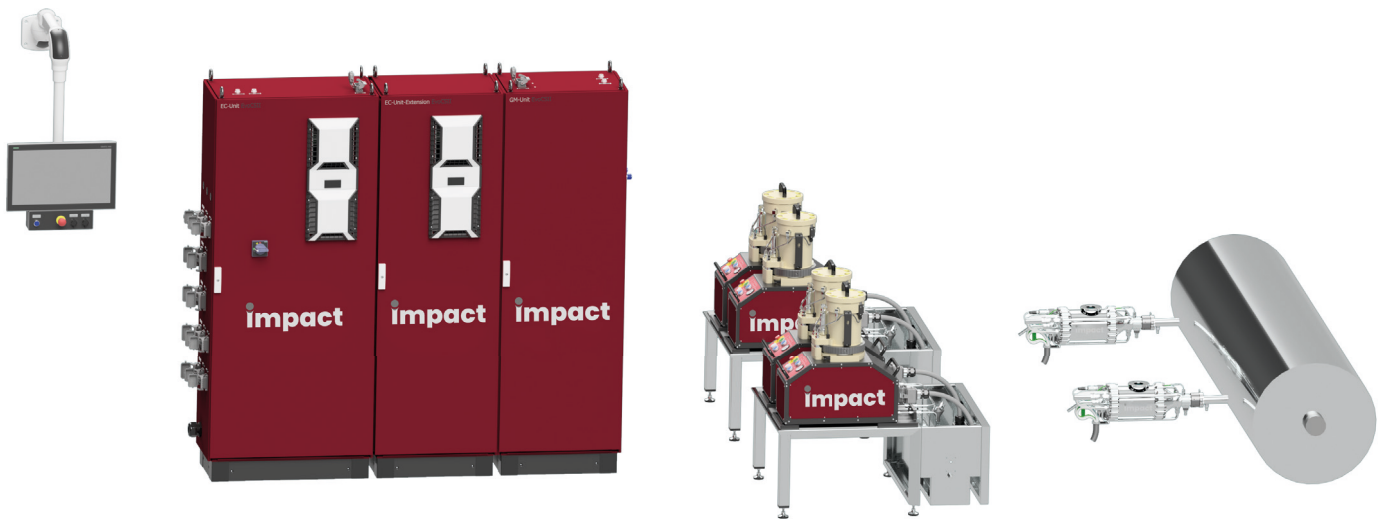
Due to the parallel operation of up to four Powder Feeders, the new Impact Spray System EvoCSII is great for serial production.

It is also possible to operate two Guns in parallel for double-sided coating or simply higher capacity. Thanks to a higher number of sensors, data recording and an integration in higher-level control, the process reliability increased significantly.

In addition, the Impact Spray System EvoCSII has a modular system structure, which can also be expanded as required at a later point in time. Furthermore, the necessary interfaces for future developments have already been integrated.

Benefits of the Impact Spray System EvoCSII:

- Compatibility of all existing accessories
- Generation and recording of all process data for quality assurance and documentation
- Open interface for integration in a higher-level controller
- Completely new software architecture, with a simplified and intuitive operating concept



Impact Spray System EvoCSII setup with four Powder Feeders and two Guns operating in parallel