

IMPACT GUN 5/8 EvoCSII

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Key facts:

- Process gas pressure up to 50 bar
- Process gas temperature up to 800 °C
- Integrated heating with max. 34 kW heating capacity
- Compact and lightweight construction
- Air and water cooling of the nozzle possible



The Impact Gun 5/8 EvoCSII can reach a pressure of 50 bar and a process temperature of up to 800 °C. This makes it ideal for processing easily deformable materials. Due to the compact and lightweight design, it is also possible to coat components that are difficult to access. It is also equipped with an operating hours counter to enable conclusions to be drawn about the duration of use.

Process gas in the form of nitrogen or helium is heated inside the Impact Gun 5/8 EvoCSII.

This is done via an integrated heating filament through which an electric current flows. The process gas is heated while it is flowing through and then accelerated in a Laval nozzle. Powder particles are then injected into the gas flow and also accelerated. The Impact Gun EvoCSII is fully integrated into the control unit Impact EC-GM-Unit EvoCSII, which means that all relevant parameters can be called up and recorded at any time.

Technical data

Compatibility	Impact Spray System EvoCSII	
Heating capacity	max. 34 kW	
Nominal - voltage	400 V 3 Ph AC 480 V 3 Ph AC	
Nominal - current consumption	60 A	
Process gas	N2	 He
Max. pressure	50 bar	
Adjustment range pressure	5 - 50 bar*	
Max. heating temperature	800 °C	
Adjustment range temperature	50 - 800 °C*	
Heating capacity regulation	stepless	
Sound pressure in 1m distance	120 dB(A)	
Length (without nozzle)	621 mm	
Width	201 mm	
Height	223 mm	
Weight	21.5 kg	
Pressure vessel capacity	2.2 l	
Safety valve pressure setting	52 bar	
Operating temperature	5 - 50 °C	
Cable and hose length	7 - 18 m	

*If helium is used as the process gas, the maximum process parameter are different.