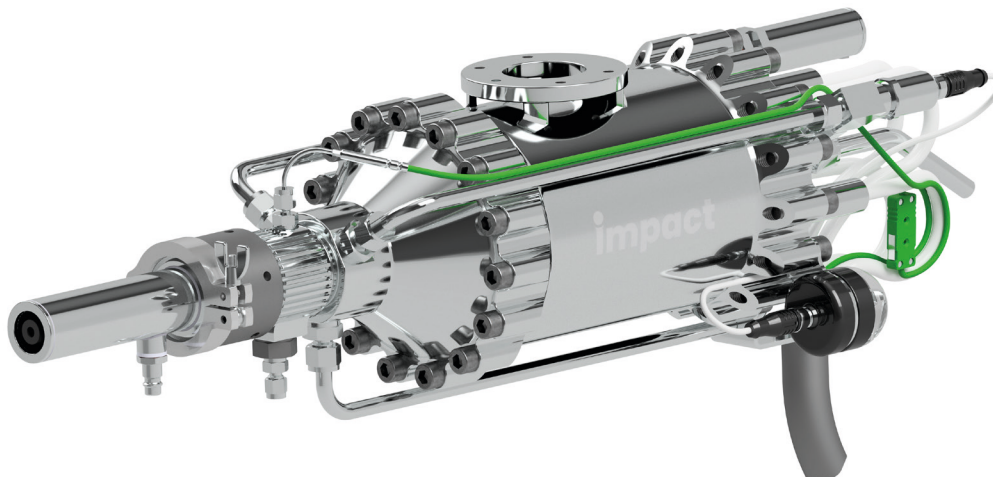


IMPACT GUN 6/11 EvoCSII 10010.00.0.00

Key facts:

- Suitable for the entire range of cold gas spraying
- Process gas pressure up to 60 bar
- Process gas temperature up to 1100 °C
- Integrated heating with max. 44 kW heating capacity
- Air and water cooling of the nozzle possible



The Impact Gun 6/11 EvoCSII can reach a pressure of 60 bar and a process temperature of up to 1100 °C. This makes it suitable for the entire range of cold gas spraying applications. 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 6/11 EvoCSII. This is done via an integrated heating fila-

ment 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 6/11 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. 44 kW	
Nominal - voltage	400 V / 480 V / 3 Ph AC	
Nominal – current consumption	64 A	
Process gas	N2	He
Max. pressure	60 bar	
Adjustment range pressure	5 - 60 bar*	
Max. heating temperature	1100 °C at 50 bar / 1000 °C at 60 bar	
Adjustment range temperature	50 - 1100 °C*	
Heating capacity regulation	stepless	
Sound pressure in 1m distance	125 dB(A)	
Length (without nozzle)	625 mm	
Width	205 mm	
Height	223 mm	
Weight	27 kg	
Pressure vessel capacity	2.4 l	
Safety value pressure setting	62 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.