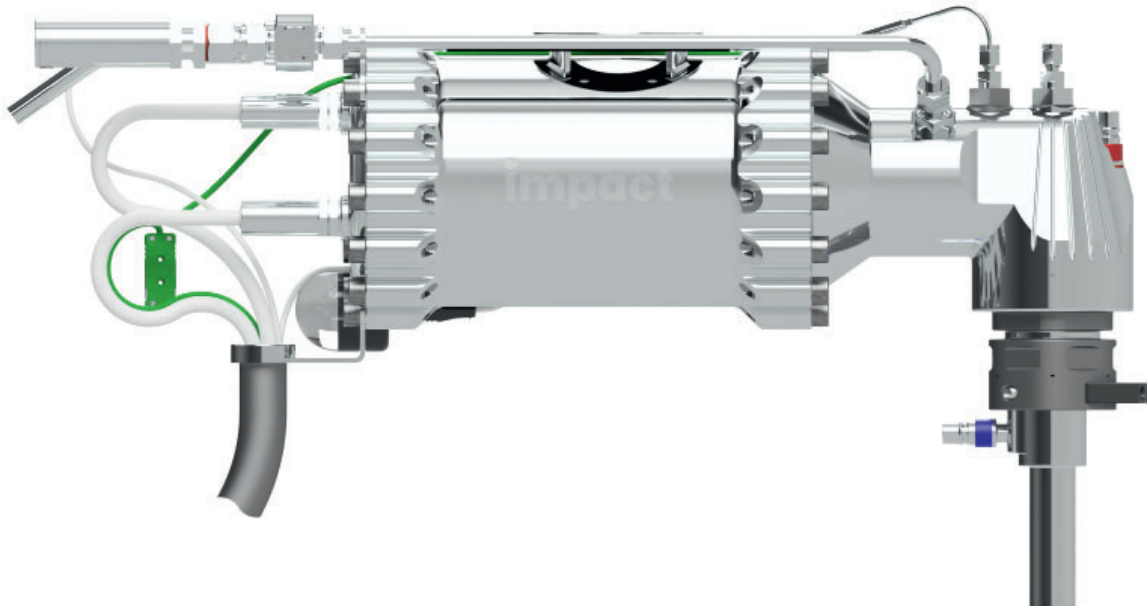


## IMPACT GUN 6/11 AH EvoCSII

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### 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 a maximum heating capacity of 44 kW
- Water cooling of prechamber and injector possible
- Water cooling jacket for nozzle included



The Impact Gun 6/11 AH EvoCSII is a gun type that has been newly developed from scratch for the Impact Spray System EvoCSII, with which it is 100% compatible. Due to the axial injection of the powder into the process gas, it is not the powder jet that is deflected, as is the case with our other gun models, but the process gas. The Impact Gun 6/11 AH EvoCSII is able to introduce the metal powder centrally in the prechamber area with particular precision. The axial injection of the metal powder is particularly advantageous for

very fine and temperature-sensitive materials, as the risk of powder adhesion in the prechamber area and in the nozzle is greatly reduced. This new model of the gun can optionally be equipped with a water-cooled injector and an also optional water-cooled prechamber. In combination with the optimized water cooling of the nozzle, a constant temperature distribution in the entire front area of the gun is guaranteed. The heat input into the powder is additionally increased by the optional prechamber extension.

<b>Technical data</b>	
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 <span style="float: right;">He</span>
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)	213 mm
Width	190 mm
Height	660 mm
Weight	32.5 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.