

IMPACT MOBILE DEPLOYMENT UNIT EvoCSII

10024.00.0.00

Key facts:

- Full EvoCSII Cold Spray capability in a mobile setup
- Helium and nitrogen process gas compatible
- Rugged industrial container design
- Ready for rapid deployment and transport

The IMPACT Mobile System brings full Cold Spray capability into a transportable industrial container unit.

Designed for R&D, maintenance and field repair applications, the system integrates the major components of the EvoCSII platform into a rugged, weather-protected and modular setup.

The mobile platform enables flexible deployment wherever Cold Spray technology is needed. Integrated process control, transport compatibility and industrial-grade components ensure reliable

operation in demanding environments. The integrated display can be used in a fold-out or detachable configuration for flexible system operation.

The system can be equipped with for example an Impact Gun EvoCSII, an Impact Powder Feeder (60 / 80 bar), a 2nd Powder Swap Container, a Central Injector Kit and all major accessories required for mobile operation, including hoses, cables, accessory interfaces as well as a dedicated tool and nozzle package.



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Technical data

Dimensions (L × W × H)	1700 × 840 × 1762 mm (without wheels)	
Weight	980 kg	
Platform	EvoCSII	
Process Gases	Helium (He) / Nitrogen (N₂)	
Mobility	Forklift & crane compatible	
Protection	Protective cover with zipper access included	
Compatibility	Impact Spray System EvoCSII	
Operating pressure	max. 100 bar	
Nominal - capacity	61 kW	
Nominal - voltage	400 V 3 Ph AC	 480 V 3 Ph AC
Input frequency	50 - 60 Hz	
Backup	max. 160 A	
Process gas	N2	 He
Flow rate	Max. 175 m³/h i.S.	 Max. 260 m³/h i.S.
Input pressure	70 - 100 bar	 40 - 100 bar
Flow rate compressed air	max. 2.2 m³/h i.S.	
Input pressure compressed air	5.5 - 8 bar	
Carrier gas	N2	
Number of carrier gas line	2	
Operating temperature	5 - 50 °C	
Control cable length display	5 - 20 m	
Sound pressure in 1 m distance	70 dB(A)	

Typical Applications

Field Repair

On-site restoration and maintenance of components.

R&D & Process Development

Flexible setup for testing, validation and material development.

Mobile Demonstration & Training

Portable Cold Spray solution for customer sites and training