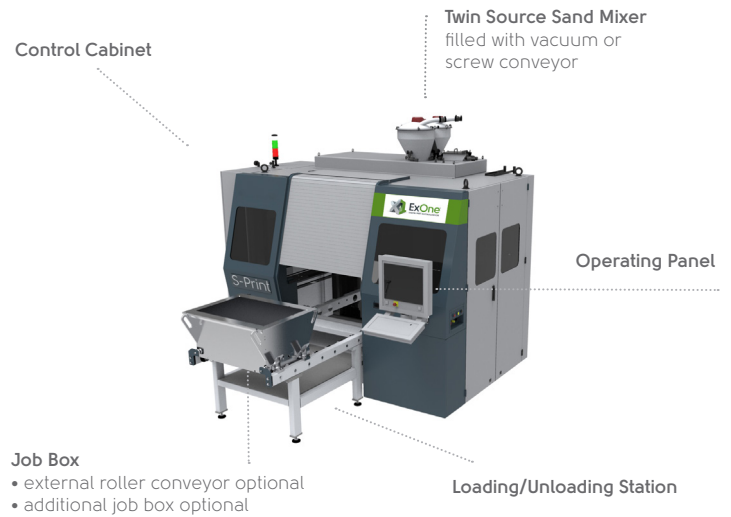


S-Print™ Furan



Improved Productivity and Flexibility in a Compact Design

The S-Print™ Furan, suited for sand casting foundries, creates complex sand cores and molds directly from CAD data, eliminating the need for a physical pattern. The system manufactures even the most complex cores with furan binder, giving the ability to produce castings for a wide range of applications.



Industry proven casting materials

- No foundry changes required

High productivity

- Flexible job box can print one prototype or short runs of multiple cores
- Changes can be made quickly
- High-speed printing
- Easy unloading
- Cores ready for immediate casting

Varied casting applications

- Suited for light metals, non-ferrous metals, cast iron and steel
- Produce intricate cores to combine with conventional molds
- Prototypes, spares and replacement parts

S-Print™ Furan consumables¹

- ExOne® Furan Binder / Activator / Cleaner
- ExOne® Silica Sand (280, 380, 500 µm)
- ExOne® Black Iron Oxide
- ExOne® Magnesium Inhibitor



TECHNICAL SPECIFICATIONS

Process cell including job box and roller conveyor

Build volume	l x w x h 31.5 x 19.7 x 15.8 in. (800 x 500 x 400 mm)
Build speed	0.71–1.27 ft ³ /h (20–36 L/h)
Layer thickness	0.011–0.02 in. (280–500 µm)
Print resolution	X/Y/Z 0.004 in. (100.0 µm)
External dimensions	l x w x h 128.7 x 100.0 x 112.6 in. (3270 x 2540 x 2860 mm)
Weight	7,717 lbs (3500 kg)
Electrical requirements S-Print	400V 3-Phase/N/PE / 50–60 Hz, max. 6.2 kW
Electrical requirements heater	400V 3-Phase/PE / 50–60 Hz, max. 6.3 kW
Data interface	STL

PROPRIETARY INFORMATION

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¹ Other materials and particle sizes available – please contact your sales rep.

With decades of manufacturing experience and significant investment in research and product development, ExOne has pioneered the evolution of nontraditional manufacturing. This investment has yielded a new generation of rapid production technology in the field of additive manufacturing. ExOne is the optimal partner for any industrial manufacturer who is transitioning their manufacturing business to the digital age.