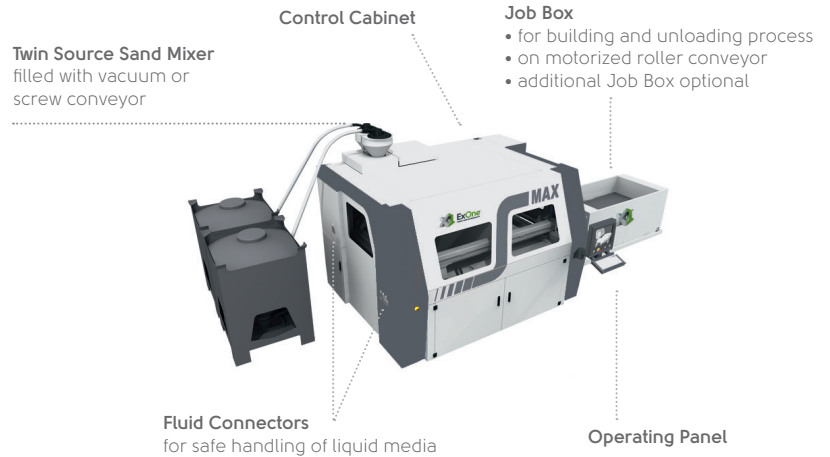


S-Max[®] Furan



The Leading 3D Printer for Large Cores and Molds

The S-Max Furan, suited for sandcasting foundries, creates complex and accurate sand cores and molds directly from CAD data, eliminating the need for a physical pattern. The ability to cast in hours without hard tooling improves the entire casting process chain.



Flexible batch production

- Each part can be different (i.e., serial numbers)
- Changes can be made quickly
- Small production lots
- No tools and storage necessary

High productivity

- Large Job Box
- High-speed printing
- Easy unloading
- Cores ready for immediate casting

Varied casting applications

Suited for light metals, non-ferrous metals, cast iron and steel

S-Max[™] 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 70.9 x 39.4 x 27.6 in. (1800 x 1000 x 700 mm)
Build speed	2.12–3.00 ft ³ /h (60–85 L/h)
Layer thickness	0.011–0.020 in. (280–500 μm)
Print resolution	X/Y/Z 0.004 in. (100.0 μm)
External dimensions	l x w x h 271.7 x 138.6 x 112.6 in.
including one job box, right - standard	(6900 x 3520 x 2860 mm)
Weight	14,330 lbs (6500 kg)
Electrical requirements S-Max	400V 3-Phase/N/PE / 50–60 Hz, max. 6.3 kW
Electrical requirements heater	400V 3-Phase/PE / 50–60 Hz, max. 10.5kW
Data interface	STL

PROPRIETARY INFORMATION

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