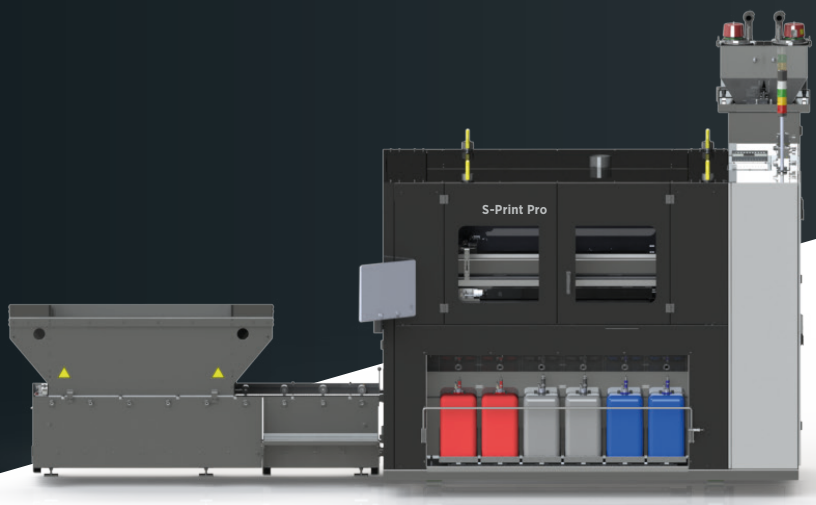
S-Print® Pro



A compact sand 3D printer for core production, combining a small footprint, efficiency, and high-performance.

The new S-Print Pro sets new standards for compact, efficient, and flexible production environments. Thanks to its space-saving overall design, it is ideally suited for small to medium-sized foundries as well as printing service providers with limited floor space. Despite its compact footprint, the system delivers moderate operating costs while maintaining high productivity for small to medium-sized component volumes. With its high component accuracy and the ability to flexibly use multiple job boxes, the system integrates seamlessly into single-shift production workflows. Maintenance and operation have been intentionally simplified, allowing users to become productive quickly. The printer therefore offers a powerful and future-proof solution for anyone looking to enter the additive manufacturing of high-quality sand molds and cores in an economical way.

TECHNICAL DATA

Job box (L × W × H)	1,200 × 750 × 500 mm (47.2 × 29.5 × 19.7 in)
Build volume	450 l (15.89 ft³)
Layer height**	0.10 – 1.00 mm (0.004–0.039 in)
Dimensional accuracy	±0.5 mm (±0.020 in); ±0.1% over 500 mm (19.7 in)

External dimensions (L × W × H)	5,250 × 2,255 × 3,100 mm (206.7 × 88.8 × 122.0 in)
System weight	4,000 kg (8,818.5 lbs)
Binder system	Furan
Print media	Silica sand / synthetic sands
Data interface	STL, CLI oder 3MF (StepX) via XPrep
Electrical requirements	400 V 3-phasig / N / PE / 50-60 Hz

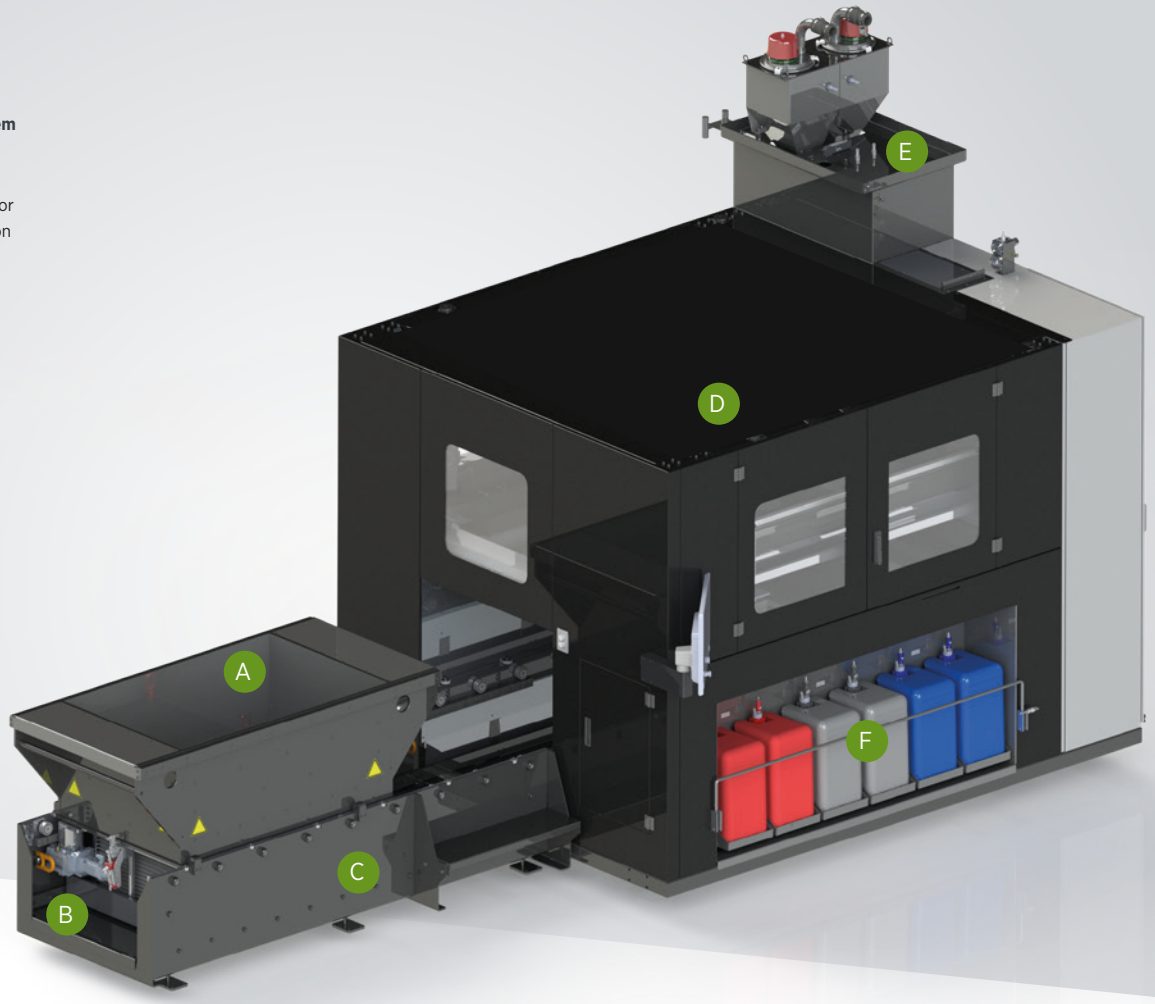
Specifications are subject to change without notice. Some data may be dependent on other factors such as material or utilization.

* Depending on layer height. ** Standard 0.28 mm (0.011 in).

ExOne™

3D printing system

A Job box
B Z-Axis
C Roller conveyor
D Process station
E Sand hopper
F Fluid station



KEY BENEFITS

- **Compact footprint:** Ideal for facilities with limited space; enables use even in smaller production environments.
- **Low TCO and fast ROI:** Efficient machine concept with moderate consumption and low operating costs ensures economical operation.
- **Low investment costs:** Attractive entry point into industrial additive manufacturing of sand molds and cores.
- **High component quality and precision:** Accurate printing results for small to medium component volumes – ideal for demanding foundry and core applications.
- **Easy operation and maintenance:** Based on the proven S-Max® concept.
- **Intuitive workflows and service-friendly design:** Simplify daily operation and reduce downtime.

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