

# S-Print

Perfect solution for almost every casting material, ideal for prototypes and small series.



The S-Print combines a compact structure with an extremely versatile range of applications. With the flexibility to select any binder system available at ExOne, S-Print sand molds can be made to accommodate a variety of casting materials for rapid product development and short run production.

## TECHNICAL SPECIFICATIONS

<b>External Dimensions (L X W X H)</b>	3270 x 2540 x 2860 mm (128.7 x 100.0 x 112.6 in.)
<b>Build Box (L x W x H)</b>	800 x 500 x 400 mm (31.5 x 19.7 x 15.8 in.)
<b>Layer Height</b>	0.26 - 0.38 mm (0.01 - 0.015 in.)
<b>Weight</b>	3500 kg (7716 lbs)
<b>Supply Voltage</b>	400 V AC (±10%) 3ph/PE/N

<b>Binder Systems</b>	Furan	CHP	HHP	Inorganic
<b>Max Build Rate*</b>	up to 39 l/h	up to 17 l/h	up to 15 l/h	up to 25 l/h
<b>Exhaust Air</b>	300 m <sup>3</sup> /h	500 m <sup>3</sup> /h	500 m <sup>3</sup> /h	300 m <sup>3</sup> /h

\* depending on jobbox utilization, sand type, layer height, resolution & environmental conditions

## SYSTEM BENEFITS

- Able to process all ExOne binder systems (Furan, cold hardening phenol (CHP), hot hardening phenol (HHP), Inorganic)
- Perfect choice for prototypes and small series
- Suited for complex geometry
- Small and compact size

## SYSTEM OPTIONS

### ADDITIONAL JOBBOX

- External Dimensions: 990 x 875 x 447 mm (38.9 x 34.4 x 17.6 in.)
- Build Box: 800 x 500 x 400 mm (31.5 x 19.7 x 15.8 in.)
- Weight: 280 kg (617 lbs) without sand; approx. 600 kg (1322 lbs) with sand

### ADDITIONAL EXTERNAL ROLLER CONVEYOR

- External Dimensions: 1540 x 1035 x 913 mm (60.6 x 40.7 x 35.9 in.)
- Weight: 200 kg (441 lbs)

### MICROWAVE OVEN (for HHP and Inorganic)

- External Dimensions: 3573 x 2304 x 2884 mm (140.7 x 90.7 x 113.5 in.)
- Weight: 3700 kg (8157 lbs)