

# S-Max

High productivity for all cold hardening binder systems, ideally suited for sand casting foundries.



The S-Max offers a robust and reliable solution for all cold hardening binder systems. It is suitable for almost all casting materials. Large and complex cores and molds can be realized even more quickly and reliably. With a larger building platform and a second jobbox, the S-Max produces any prototype required and whole series with highest efficiency.

## TECHNICAL SPECIFICATIONS

|  |   |
|--|---|
| <b>External Dimensions (L x W x H)</b> | 10400 x 3520 x 2860 mm<br>(409.5 x 138.6 x 112.6 in.) |
| <b>Build Box (L x W x H)</b>           | 1800 x 1000 x 700 mm<br>(70.9 x 39.4 x 27.6 in.)      |
| <b>Layer Height</b>                    | 0.26 - 0.38 mm<br>(0.01 - 0.015 in.)                  |
| <b>Weight</b>                          | 8600 kg<br>(18960 lbs)                                |
| <b>Supply Voltage</b>                  | 400 V AC (±10%)<br>3ph/PE/N                           |

|                        |                       |                       |
|------------------------|-----------------------|-----------------------|
| <b>Binder Systems</b>  | Furan                 | CHP                   |
| <b>Max Build Rate*</b> | up to 100 l/h         | up to 60 l/h          |
| <b>Exhaust Air</b>     | 300 m <sup>3</sup> /h | 600 m <sup>3</sup> /h |

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

## SYSTEM BENEFITS

- Fully automated printhead for all cold hardening binder systems (Furan and cold hardening phenol (CHP))
- Continuous production 24/7 possible (with second jobbox)
- High productivity
- Flexible batch production
- Recipe manager

## SYSTEM OPTIONS

- Optional Cloud Connectivity

### ADDITIONAL JOBBOX

- External Dimensions: 2360 x 1125 x 984 mm (92.9 x 44.2 x 38.7 in.)
- Build Box: 800 x 1000 x 700 mm (70.8 x 39.3 x 27.5 in.)
- Weight: 1700 kg (3748 lbs); 3800 kg (8378 lbs) with sand

### ADDITIONAL EXTERNAL ROLLER CONVEYOR

- External Dimensions: 3813 x 1293 x 145 mm (150.1 x 50.9 x 5.7 in.)
- Weight: 400 kg (882 lbs)

### DESANDING STATION

- Easy and fast unpacking of parts possible
- Contains an integrated dust extraction system