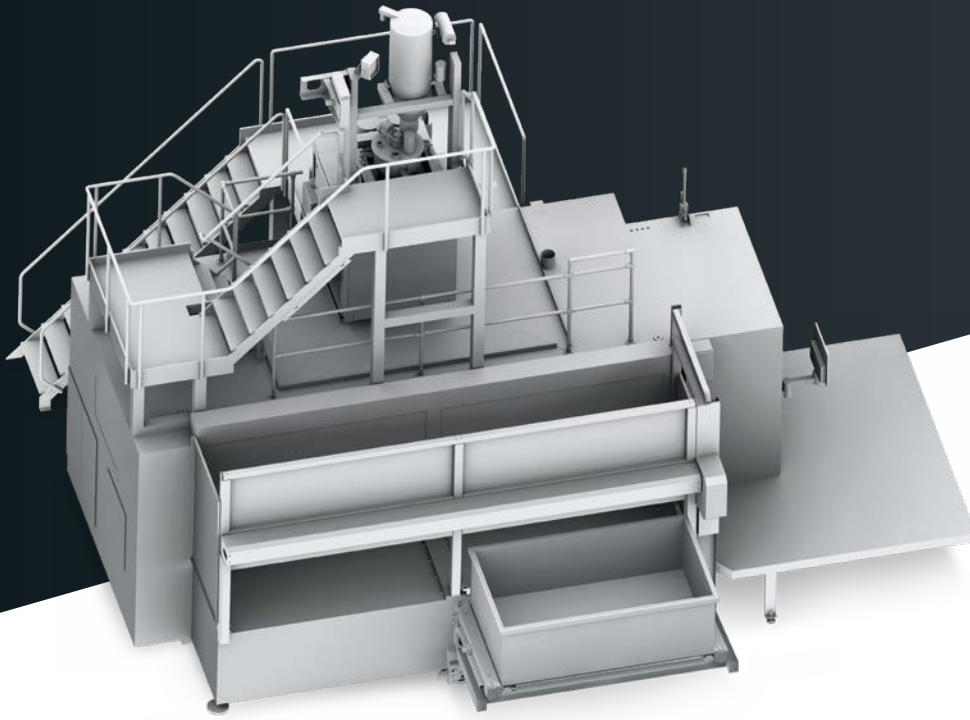


Exerial™



**More sustainable
series production with
inorganic binder**

Series production of complex inorganic sand cores and molds is possible with the Exerial™ 3D printer, containing two job boxes.

TECHNICAL DATA

Job box (L × W × H)	2,200 x 1,200 x 700 mm (86.6 x 47.2 x 27.6 in)	External dimensions (L × W × H)	8.4 x 4.0 x 4.9 m (329.9 x 158.7 x 194.9 in)
Build volume	2 x 1,848 l (2 x 65.3 ft ³)	System weight	11,200 kg (24,692 lbs)
Build rate	200 – 250 l/h	Binder system	Inorganic
Layer height	0.3 mm	Print media	Natural sand
Dimensional accuracy	+/- 0.5 mm, +/- 0.1% over 500 mm	Electrical requirements	400V 3-phase/N/PE/50–60 Hz, max. 21.5 kW

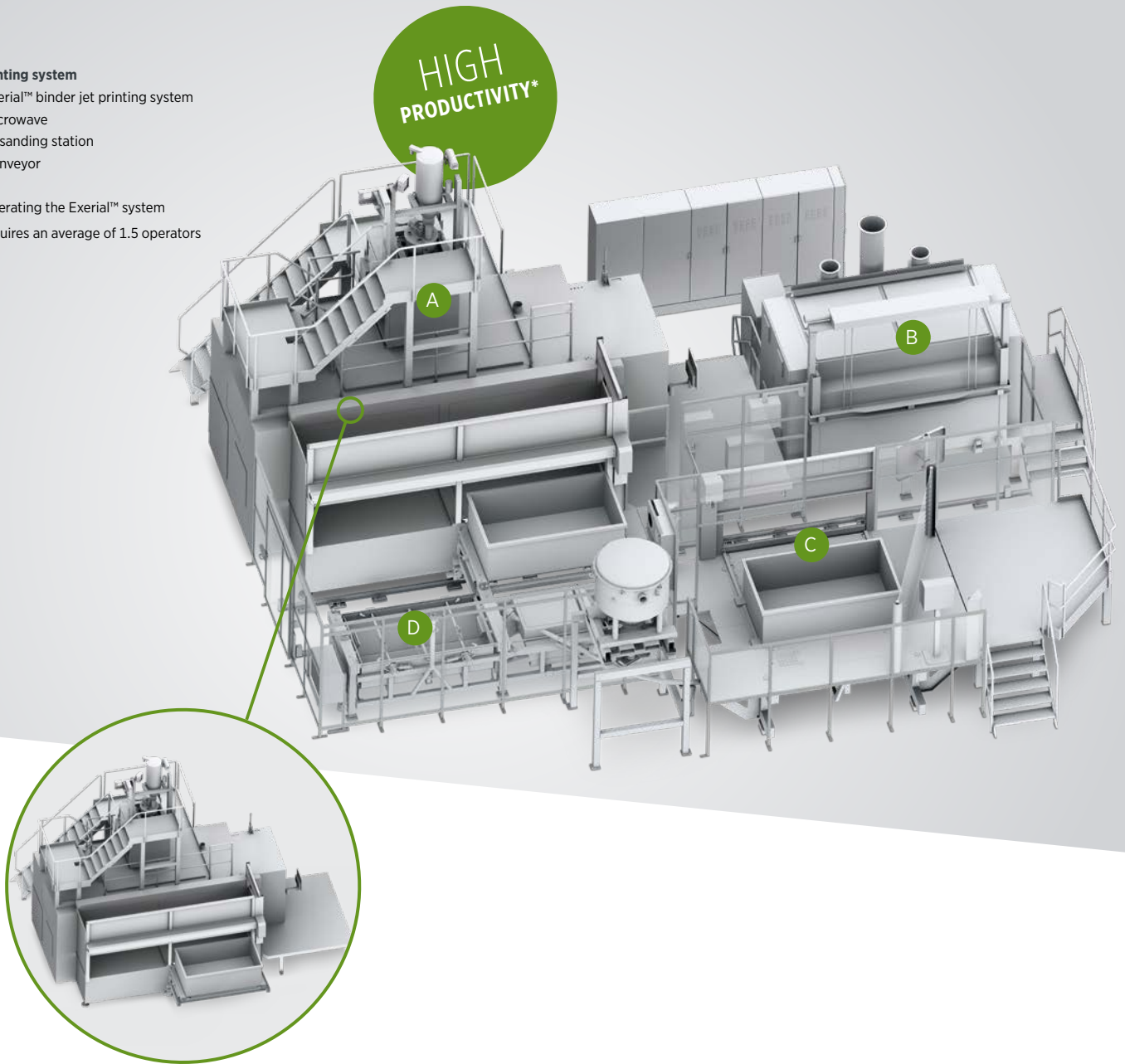
Specifications are subject to change without notice.
Some data may be dependent on other factors such as material or utilization.



3D printing system

- A Exerial™ binder jet printing system
- B Microwave
- C Desanding station
- D Conveyor

* Operating the Exerial™ system requires an average of 1.5 operators



KEY BENEFITS

- 2 job boxes for producing large cores in series
- Simultaneous production of multiple jobs
- Extremely fast printing of components with 2 to 3 times the speed of the S-Max® printer
- Option for automated desanding system
- Precision printing process creates highly accurate cores
- Flexible design options
- Suitable for aluminum alloys

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