

# 3DP Sand Printing Techniques

## KSS1800B

### > High precision

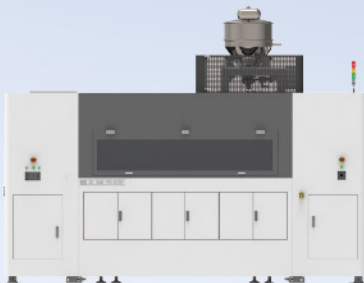
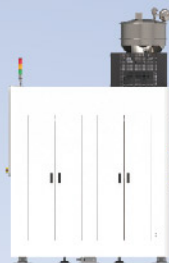
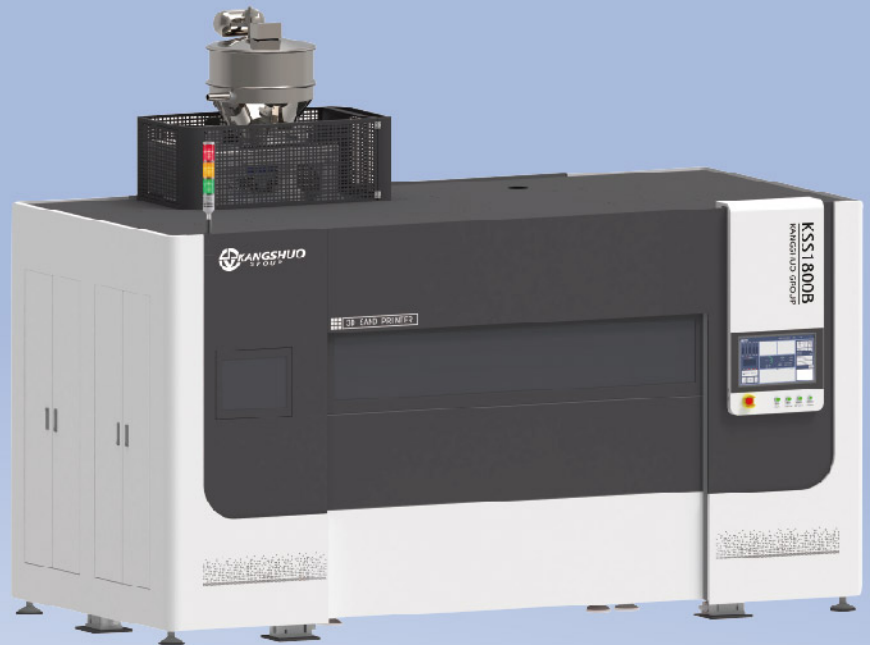
Printing resolution 400DPI Sand mold accuracy can be improved from CT8 to CT7

### > Flexibility

The printing work box can be removed from the machine freely, which is convenient for assembly line logistics

### > Small Volume

The equipment covers an area of 9.7m<sup>2</sup>, which can save a lot of equipment installation area



(Side and back of the printer)

### > High Efficiency

Bidirectional sanding, maximum sanding speed 400mm/s; wide-format printing, maximum printing speed 1200mm/s, maximum printing efficiency 270L/h

### > Production Line

Achieve fully automatic industrial application of multiple equipment connected online

#### TECHNICAL DATA

#### KSS1800B

Dimensions (LxWxH)	4500x2170x3460mm
Job Box Size (LxWxH)	1800x1000x700mm
Sand Laying Method	Bidirectional sand laying
Printing Resolution	400dpi
Printing Layer Thickness	0.3mm - 0.6mm
No. of Printhead Module	8 (1024 nozzles per head)
Max printing speed	1200mm/s
Power Supply Requirements	Three-phase 380VAC $\pm$ 10%, Frequency 50-60Hz
Heating Power	9KW

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## TECHNICAL DATA

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Total Weight	5.4T (including one job box)
Max Printing Efficiency	160-270L/h
Consumables	Furan resin or phenolic resin, curing agent, silica sand, ceramic sand
Number of Job Box	Single job box with independent drive
Sand Processing Center	Automatic sand processing + any ratio mixing of old and new sand
Host Peak Power	11KW
Noise	<60 decibels
Environmental Requirements	Operating Temperature 22-38°C



<https://www.kangshuoim.com/>