

Binder Jetting 3D Sand Printer

KSS1800A

> High precision

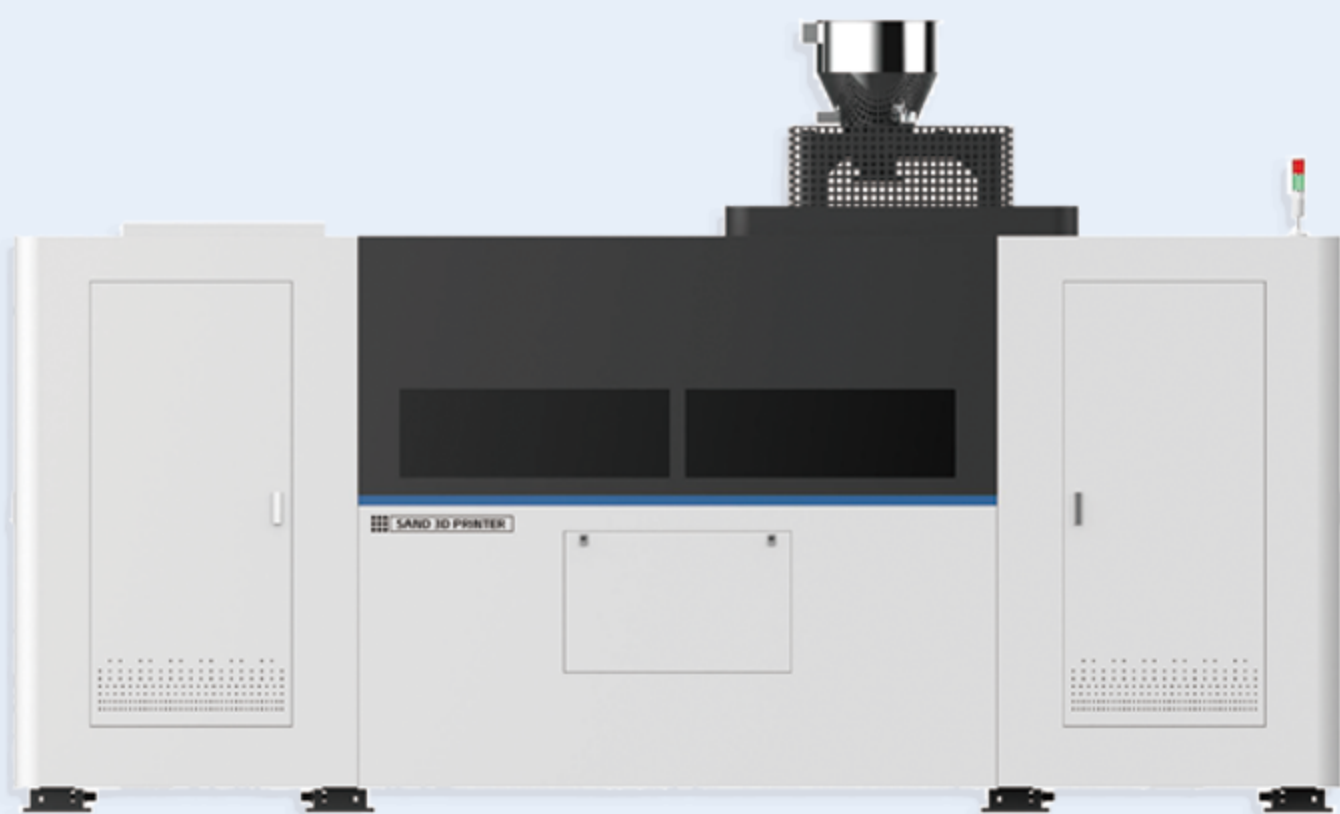
Printing resolution 400DPI Sand mold accuracy can be improved from CT8 to CT7

> 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 15.4m² , which can save a lot of equipment installation area



(Side and back of the printer)

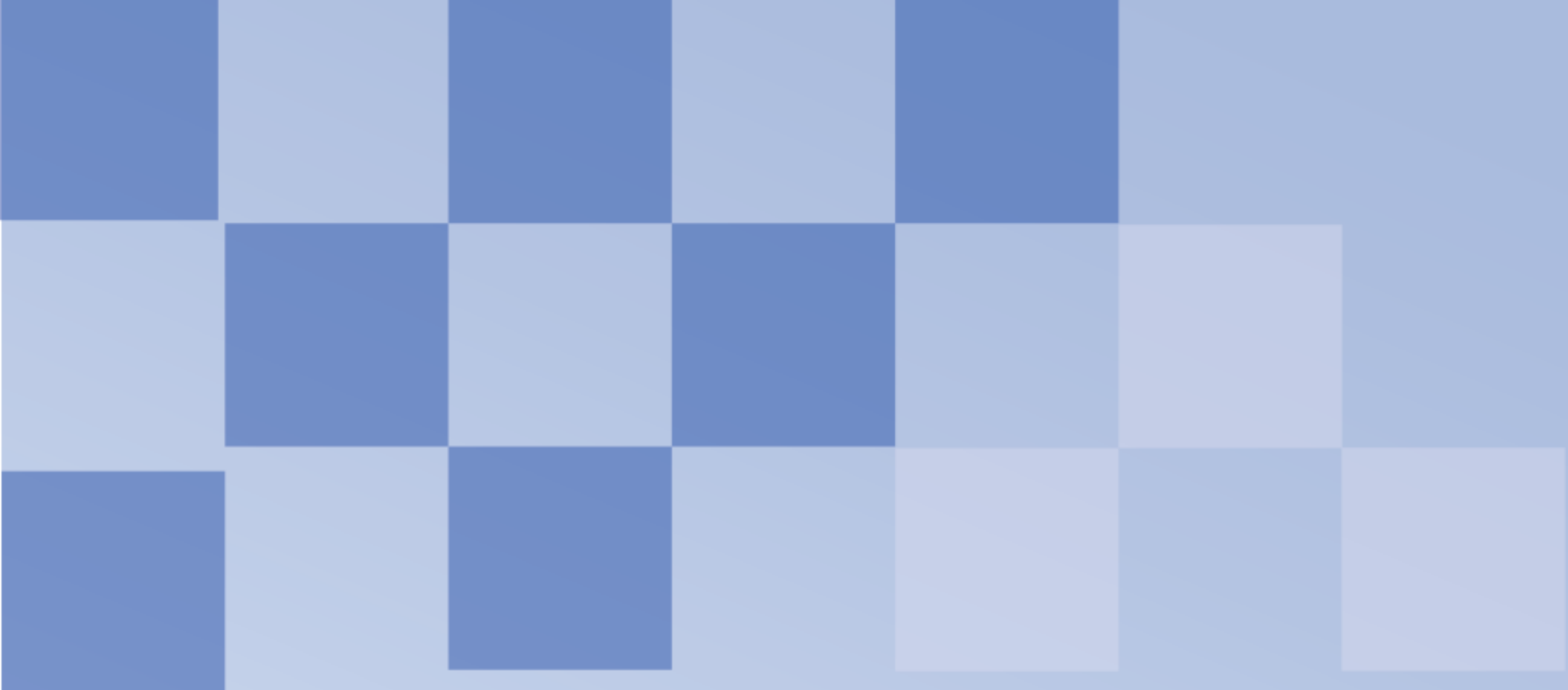
> Low Cost

Printing thick sand mold inner shell core can save a lot of binder

> High Efficiency

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

TECHNICAL DATA	KSS1800A
Dimensions (L×W×H)	5300x2920x3400mm
Dimensions (L×W×H)	1800×1000×700mm
Total weight	7.1T
Noise	<60dB
Print layer thickness	0.35–0.6mm
Molding accuracy	±0.3mm
Sand laying method	bidirectional sand laying
Sanding speed	400mm/s
Print resolution	400DPI
Max printing speed	1200mm/s
Max printing efficiency	162–277L/h



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TECHNICAL DATA

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Printing Head	(American FUJIFILM)SG1024
PLC	(German SIEMENS)SIMATICS7-1500T
Motor	(German SIEMENS)
Servo Controller	(German SIEMENS)SINAMICS S210、 SINAMICS V90
Solenoid Valve	SMC(Japan SMC)
Vacuum Pump	(Switzerland PIAB)1.BA40D.P4.0.0A.0.0.AAL.0.CN.0
Liquid Level Sensor	WIKAI (German WIKA) BZG-M42*2-PTFE-M430-FFG

