



4th Generation Micro Droplet
Jetting Technology



Large Production Grade Sand 3D Printers
Patented 'PCM' Technology

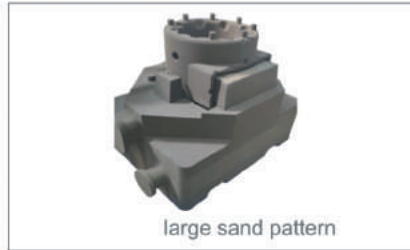
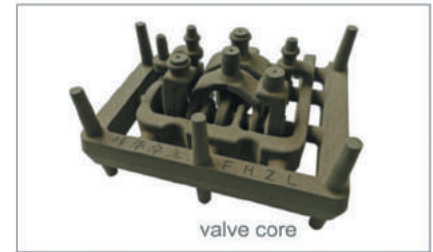
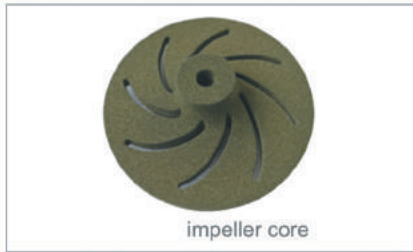
LODESTAR 3D

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3D Printed Sand Molds & Cores



(Model)	PCM2200	PCM1800	PCM1200	PCM800	PCM300
Max printing size (mm)	2200x1000x800	1800x1000x700	1200x1000x600	800x750x500	300x250x250
Printing nozzle Qty(pcs)	4x1024P	4x1024P	4x1024P	2x1024P	1x1024P
Layer thickness (mm)	0.2-0.5Adjustable				
Printing precision(mm)	± 0.3				
Printing Speed (Sec./layer)	24	22	18	22	14
Forming efficiency (L/h)	165	147	120	49	9.6
Full box printing time (H/box,0.5mm/layer)	10.66	8.55	6	6.11	1.94
Printing resolution ratio (dpi)	300x400 or 400x400				
Tensile strength(Mpa)	0.8-2 MPa, Maximum up to 2.5 MPa (related to sand)				
Gas evolution (ml/g,850°C)	Furan binder: ≤ 18ml/g, Minimum up to 13ml/g (related to sand) Inorganic binder:≤ 14ml/g (related to sand)				
Printing material	Silica sand, calcined sand, synthetic sand, ceramic sand, etc.				
Range of application	Casting nonferrous metal, iron and steel etc				
Job box(pcs)	Can choose 1 or 2				
Other model	Can be customized				

Exclusive Distributor for India

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