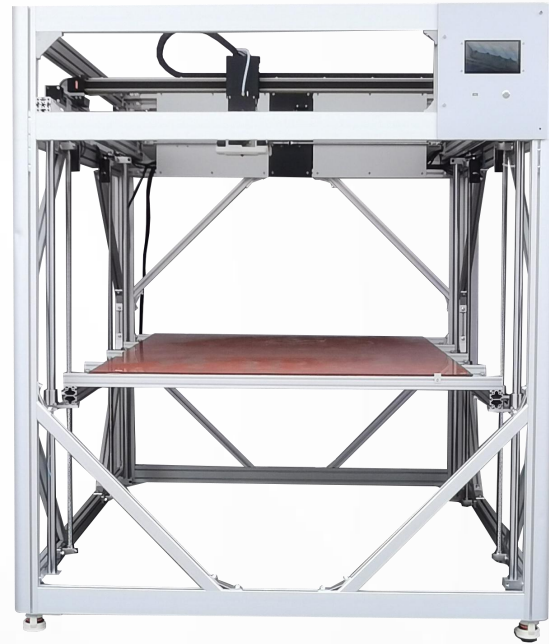




DM series
DM plus series



DL series
DP series

LUOYANG DOWELL ELECTRONICS TECHNOLOGY CO., LTD

www.dowell3dprinter.com



ABOUT US



To build a world-class real large 3D printer

DM, DM plus, DL, DP series parameters

Model	DM series		DM plus series(5X flow volume)		DL series(20X flow volume)		DP series(Pellet extruder)	
Printing flow rate	Volume/second	18mm ³ /s	Volume/second	90mm ³ /s	Volume/second	360mm ³ /s	Volume/second	1300mm ³ /s
	Weight/hour	80g/H	Weight/hour	400g/H	Weight/hour	1600g/H	Weight/hour	6kg/H
Nozzle diameter	0.4/0.6/0.8/1.0mm		0.5/1.0/1.5/2.0/2.5mm		0.5/1.0/1.5/2.0/2.5mm		1.0/2.0/3.0/4.0mm	
Nozzle temperature	0-420°C		0-420°C		0-320°C		0-300°C	
Extruder	1.75mm		2.85mm		2.85mm		Pellet < Φ4mm recommended	
Filament available	PLA, ABS, ASA, PETG, PVA, TPU, etc		PLA, ABS, ASA, PETG, PVA, TPU, etc		PLA, ABS, ASA, PETG, PVA, TPU, etc		No requirement	
Bed temperature	0-100°C							
Operation interface	7" full color touch screen							
File format	STL/OBJ/GCODE/JPG							
Connection	SD CARD(Linux system is coming in February, 2022)							
Input power	110/220V							
Basic functions	Real auto leveling, filament sensor, auto resume from power off, auto power off							
Optional functions:	2.85mm filament extruder		Enclosure		Enclosure		Enclosure	
	Enclosure		Enclosure with constant temperature system 60°C		Enclosure with constant temperature system 60°C		Enclosure with constant temperature system 60°C	
	Enclosure with constant temperature system 60°C		Dual extruder & dual nozzle		Bed temperature 150°C		Bed temperature 150°C	
	Dual extruder & dual nozzle		Bed temperature 150°C					
	Dual extruder & single nozzle							
	Bed temperature 150°C							

High temperature nozzle

DM and DM plus standard maximum printing size 1950*1200*1600mm

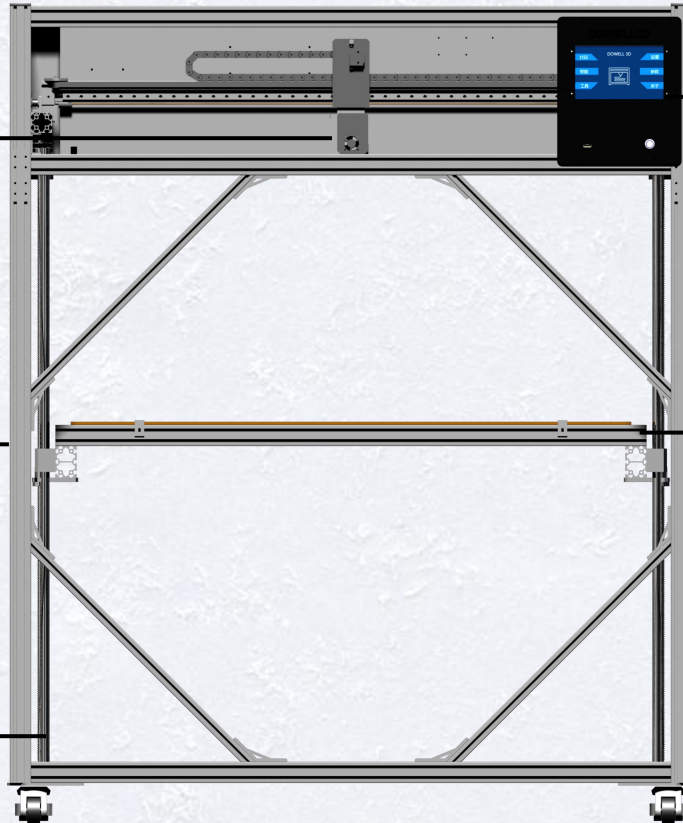
DL series standard maximum printing size 1600*2400*1600mm

The bed is supported by 4 screw rods with more stability. Each set of screw rod runs independently, leveling more accurate

7" color touch screen

BL/3D TOUCH auto leveling

Heavy duty forma wheel





Noiseless printing

Our machines use noiseless drivers and powerful stepper motors, which can effectively reduce the working noise to about 60db. The X and Y axis are using 57 motors with greater torque and more stable.

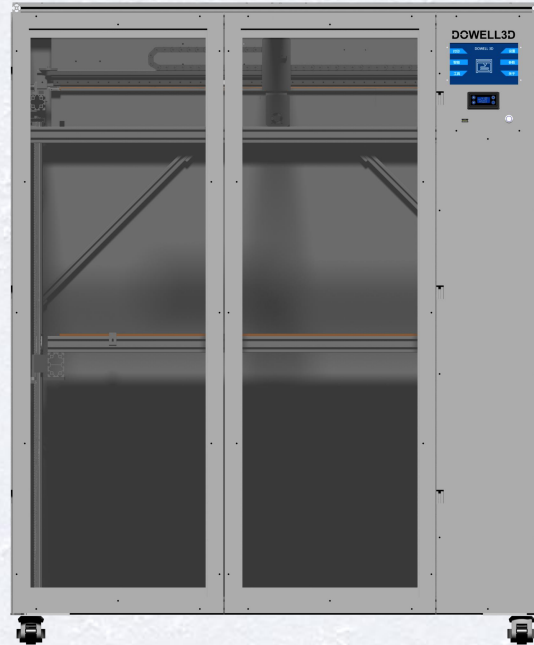


Hot bed

8mm tempered glass which can heat up to 100°C



Enclosure & constant temperature system



Temperature control panel

Chamber constant
temperature 60°C



Enclosure

Acrylic shell
Simple assembling
Economical transportation



DM, DM plus series standard sizes-we have customized service

Model	Printing size		Model	Printing size	
DM6	600*600*600mm		DM8-6	800*800*600mm	
DM6-8	600*600*800mm		DM8	800*800*800mm	
DM6-10	600*600*1000mm		DM8-10	800*800*1000mm	
DM6-12	600*600*1200mm		DM8-12	800*800*1200mm	
DM6-16	600*600*1600mm		DM8-16	800*800*1600mm	

DM10-6	1000*1000*600mm		DM1016-6	1600*1000*600mm	
DM10-8	1000*1000*800mm		DM1016-8	1600*1000*800mm	
DM10	1000*1000*1000mm		DM1016-10	1600*1000*1000mm	
DM10-12	1000*1000*1200mm		DM1016-12	1600*1000*1200mm	
DM10-16	1000*1000*1600mm		DM1016-16	1600*1000*1600mm	

DM12-6	1200*1200*600mm		DM1220-6	1950*1200*600mm	
DM12-8	1200*1200*800mm		DM1220-8	1950*1200*800mm	
DM12-10	1200*1200*1000mm		DM1220-10	1950*1200*1000mm	
DM12	1200*1200*1200mm		DM1220-12	1950*1200*1200mm	
DM12-16	1200*1200*1600mm		DM1220-16	1950*1200*1600mm	

DM1014-6	1400*1000*600mm		DM1018-6	1800*1000*600mm	
DM1014-10	1400*1000*1000mm		DM1018-10	1800*1000*1000mm	
DM1014-16	1400*1000*1600mm		DM1018-16	1800*1000*1600mm	

DM1214-12	1400*1200*1200mm		DM1216-16	1600*1200*1600mm	
DM1214-16	1400*1200*1600mm		DM1218-12	1800*1200*1200mm	
DM1216-12	1600*1200*1200mm		DM1218-16	1800*1200*1600mm	

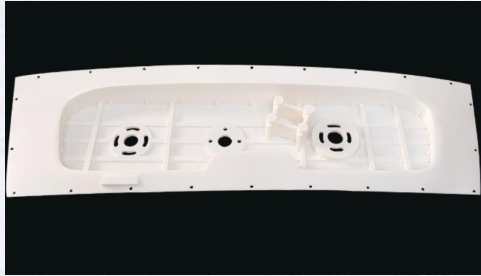
NOTE: Blue part have products in stock, delivery time is 4 days; Other products delivery time is 10-14 days.

DL, DP series standard sizes-we have customized service

Model	Printing size		Model	Printing size	
DL10	1000*1000*1000mm		DL10-16	1000*1000*1600mm	
DL12	1200*1200*1200mm		DL12-16	1200*1200*1600mm	
DL1216-12	1200*1600*1200mm		DL1216-16	1200*1600*1600mm	
DL1220-12	1200*2000*1200mm		DL1220-16	1200*2000*1600mm	
DL1616-12	1600*1600*1200mm		DL1616-16	1600*1600*1600mm	
DL1620-12	1600*2000*1200mm		DL1620-16	1600*2000*1600mm	
DL1624-12	1600*2400*1200mm		DL1624-16	1600*2400*1600mm	

Model	Printing size		Model	Printing size	
DP10	1000*1000*1000mm		DP10-16	1000*1000*1600mm	
DP12	1200*1200*1200mm		DP12-16	1200*1200*1600mm	
DP1216-12	1200*1600*1200mm		DP1216-16	1200*1600*1600mm	
DP1220-12	1200*2000*1200mm		DP1220-16	1200*2000*1600mm	
DP1616-12	1600*1600*1200mm		DP1616-16	1600*1600*1600mm	
DP1620-12	1600*2000*1200mm		DP1620-16	1600*2000*1600mm	
DP1624-12	1600*2400*1200mm		DP1624-16	1600*2400*1600mm	

3D printing



Car bumper 1600*400*200mm
Nylon filament



Bicycle frame 1300*600*50mm
Carbon fiber filament



Whale sculpture 1800*1000*600mm
PLA filament



Auto parts 600*180*150mm
Nylon-carbon fiber filament



Orbit model 400*300*350mm
ABS filament



Model 1200*400*300mm
PETG filament



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