



LUOYANG DOWELL ELECTRONICS TECHNOLOGY CO., LTD



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DOWELL 3D PRINTER DM SERIES

3D PRINTER
CUSTOM MADE
60C CHAMBER SHELL



LARGE SIZE



HIGH-TEMP
NOZZLE



AUTO
LEVELING



CONTROL
SYSTEM

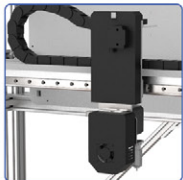


NOISELESS



MULTIPLE
PROTECTION

DETAILS



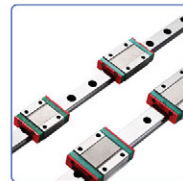
420° C high temp
nozzle, more filament
acceptable



Auto leveling
four roller rods
structure



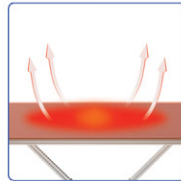
Tank chain withstand
thousands of times of
bending



Industrial grade linear guide
Stable operate, high accuracy



High load bearing
Fermat wheel
Easy to move and
strong load



High temp bed
100° C



Auto resume from
power off



7 inch full color screen

DM PARAMETER

Nozzle diameter	0.4/0.6/0.8/1.0 mm		
Nozzle temperature	0-420°C		
Bed temperature	0-100°C		
Location accuracy	0.02 mm		
Layer height accuracy	0.04-0.6 mm		
Print speed	0-200 mm		
Operation interface	7" full color touch screen		
File format	STL/OBJ/GCODE/JPG		
Filament available	1.75mm PLA, ABS, ASA, PETG, PVA, TPU, etc		
Connection	SD CARD		
Input power	110/220V		
Basic functions	Auto leveling, filament sensor, auto resume from power off, auto power off		
Optional	Medium extruder	High extruder	Dual extruder
	60°c Enclosure	150°c Heating bed	Customize printing size

DM SERIES STANDARD SIZE

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

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

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

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

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

CUSTOMIZED ACCEPTED

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

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

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

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

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

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

DOWELL 3D PRINTER DM PLUS SERIES

3D PRINTER
CUSTOM MADE
60C CHAMBER SHELL

5 TIMES MEDIUM FLOW EXTRUDER



LARGE SIZE



HIGH FLOW
EXTRUDER



AUTO
LEVELING



CONTROL
SYSTEM

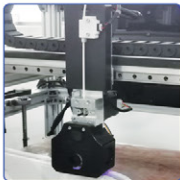


NOISELESS



MULTIPLE
PROTECTION

DETAILS



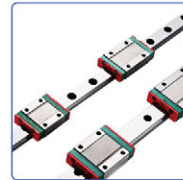
5 times extrusion flow
rate Max 400g/h



Auto leveling
four roller rods
structure



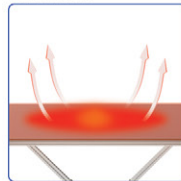
Tank chain withstand
thousands of times of
bending



Industrial grade linear guide
Stable operate, high accuracy



High load bearing
Fermat wheel
Easy to move and
strong load



High temp bed
100° C



Auto resume from
power off



7 inch full color screen

DM PLUS SERIES PARAMETER

Nozzle diameter	0.4/0.8/1.2/1.6 mm stainless steel nozzle		
Nozzle temperature	0-420°C		
Bed temperature	0-100°C		
Location accuracy	0.02 mm		
Layer height accuracy	0.04-0.6 mm		
Extrusion flow rate	Max 90mm ³ /s, 400g/hour		
Operation interface	7" full color touch screen		
File format	STL/OBJ/GCODE/JPG		
Filament available	2.85mm PLA, ABS, ASA, PETG, etc		
Connection	SD CARD		
Input power	110/220V		
Basic functions	Auto leveling, filament sensor, auto resume from power off, auto power off		
Optional	60°C Enclosure	Dual extruder	High extruder
	Customize printing size	150°C Heating bed	

DM PLUS STANDARD SIZE CUSTOMIZED ACCEPTED

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

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

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

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

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

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

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

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

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

DM1216-16	1600*1200*1600mm
DM1218-12	1800*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.

DOWELL 3D PRINTER DM PRO SERIES

3D PRINTER
CUSTOM MADE
60C CHAMBER SHELL

HIGH FLOW EXTRUDER



LARGE SIZE



HIGH FLOW
EXTRUDER



AUTO
LEVELING



CONTROL
SYSTEM



NOISELESS



MULTIPLE
PROTECTION

DETAILS



High flow rate
Max 1000g/h



Auto leveling
four roller rods
structure



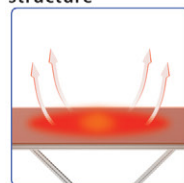
Tank chain withstand
thousands of times of
bending



Sliding platform module drive
stable and more accuracy



High load bearing
Fermat wheel
Easy to move and
strong load



High temp bed
100° C



Auto resume from
power off



7 inch full color screen

DM PRO SERIES PARAMETER

Nozzle diameter	0.4/0.8/1.2/1.6/2.0 mm stainless steel nozzle		
Nozzle temperature	0-420°C		
Bed temperature	0-100°C		
Location accuracy	0.02 mm		
Layer height accuracy	0.04-0.6 mm		
Extrusion flow rate	Max 1000g/hour		
Operation interface	7" full color touch screen		
File format	STL/OBJ/GCODE/JPG		
Filament available	2.85mm PLA, ABS, ASA, PETG, etc		
Connection	SD CARD		
Input power	110/220V		
Basic functions	Auto leveling, filament sensor, auto resume from power off, auto power off		
Optional	60°c Enclosure	150°c Heating bed	Customize printing size

DM PRO STANDARD SIZE

CUSTOMIZED ACCEPTED

Model	Printing size
DM8-6	800*800*600mm
DM8	800*800*800mm
DM8-10	800*800*1000mm

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

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

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

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

Model	Printing size
DM8-12	800*800*1200mm
DM8-16	800*800*1600mm



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

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

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

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

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

Item	DM series	DM PULS series	DM PRO series
Frame	40mm Aluminum profile	40mm Aluminum profile	40mm Aluminum profile
X,Y Movement Structure	Linear guide	Linear guide	Module movements
Screw rod	12 mm	12 mm	16 mm
Roller rod	16 mm	16 mm	20 mm
Motor	Stepper motor	Stepper motor	Independent drive stepper motor
Extruder	Double gear extrusion	Double gear extrusion	Four gear extrusion
Filament	1.75mm	2.85mm	2.85mm
Nozzle	0.4/0.6/0.8/1.0 brass	0.4/0.8/1.2/1.6 stainless steel	0.4/0.8/1.2/1.6/2.0 stainless steel
Max extrusion flow rate	80g/h	400g/h	1000g/h
 Model size 294*295*300mm	Printing duration 29H 5min	Printing duration 6H 7min	Printing duration 2H 10min
 Model size 650*650*220mm	Printing duration 73H 21min	Printing duration 22H 10min	Printing duration 7H 45min

DOWELL 3D PRINTER DL SERIES

20 TIMES HIGH FLOW EXTRUDER

3D PRINTER
CUSTOM MADE
60C CHAMBER SHELL



LARGE SIZE



HIGH FLOW
EXTRUDER



AUTO
LEVELING



CONTROL
SYSTEM

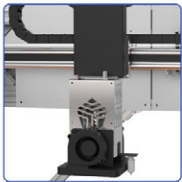


NOISELESS



MULTIPLE
PROTECTION

DETAILS



20 times extrusion
flow rate max 1600g/h



Auto leveling
four roller rods
structure



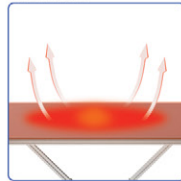
Tank chain withstand
thousands of times of
bending



Sliding platform module drive
stable and more accuracy



High load bearing
Fermat wheel
Easy to move and
strong load



High temp bed
100° C



Auto resume from
power off



7 inch full color screen

DL SERIES PARAMETER

Nozzle diameter	0.4/0.8/1.2/1.6/2.0/2.4 mm stainless steel nozzle	
Nozzle temperature	0-420°C	
Bed temperature	0-100°C	
Location accuracy	0.02 mm	
Layer height accuracy	0.05-2 mm	
Extrusion flow rate	Max 360mm ³ /s, 1600g/hour	
Operation interface	7" full color touch screen	
File format	STL/OBJ/GCODE/STP	
Filament diameter	2.85mm	
Connection	USB disk offline printing	
Input power	110/220V	
Basic functions	Auto leveling, filament sensor, auto resume from power off, auto power off	
Optional functions	150°C heating bed	Printing area
	Enclosure	Enclosure with constant temperature system 60°C/ Custom made 150°C high-temperature platform

DL SERIES STANDARD SIZE

CUSTOMIZED ACCEPTED

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

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

DOWELL 3D PELLET 3D PRINTER

DP SERIES

3D PRINTER
CUSTOM MADE
60C CHAMBER SHELL



PELLET
PRINTING



BIG SIZE



HIGH FLOW
EXTRUDER
NOZZLE



AUTO
LEVELING

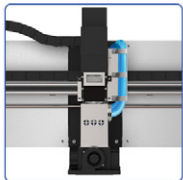


CONTROL
SYSTEM



MULTIPLE
PROTECT

DETAILS



spiral extruder max
5kg/h flow rate



Auto leveling
four roller rods
structure



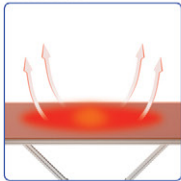
Pellet filament and
more cost-effective



Three-stage temperature control
more accurate for uneven
discharge



Big build volume
accept big size
custom made



High temp bed
Max can reach
150° C



Auto resume from
power off



Environmental protection
Using recycled materials

DP SERIES PARAMETER

Nozzle diameter	2.0-3.0 mm	
Extruder	Screw extrusion	
Max extrusion flow rate	5000g/hour	
Extruder cooling system	Water cooling	
pellet	ϕ4mm recommended	
Nozzle temperature	0-420°C	
Bed temperature	0-100°C	
Operation interface	7" full color touch screen	
File format	STL/OBJ/GCODE/JPG	
Connection	SD CARD	
Input power	110/220V	
Basic functions	Auto leveling, filament sensor, auto resume from power off, auto power off	
Optional functions	150°C heating bed	Printing area
	Enclosure	Enclosure with constant temperature system 60°C/ Custom made 150°C high-temperature platform

DP SERIES STANDARD SIZE

Model	Printing size
DP10	900*900*1000 mm
DP12	1100*1100*1200 mm
DP1115-12	1100*1500*1200 mm
DP1119-12	1100*1900*1200 mm
DP1515-12	1500*1500*1200 mm
DP1519-12	1500*1900*1200 mm
DP1523-12	1500*2300*1200 mm

Model	Printing size
DP9-16	900*900*1600 mm
DP11-16	1100*1100*1600 mm
DP1115-16	1100*1500*1600 mm
DP1119-16	1100*1900*1600 mm
DP1515-16	1500*1500*1600 mm
DP1519-16	1500*1900*1600 mm
DP1523-16	1500*2300*1600 mm

DOWELL 3D PRINTER DH SERIES

60C INTEGRATED METAL SHELL



DH4

DH5

DH8



60C METAL SHELL



HIGH-TEMP NOZZLE



AUTO LEVELING



CONTROL SYSTEM



NOISELESS



MULTIPLE PROTECTION

DETAILS



420° C high-temp nozzle



Auto leveling roller rods structure



Tank chain withstand thousands of times of bending



Metal shell is more stable, noiseless and constant chamber



Optional dual extruder for printing two colors



60° C chamber avoid warping



Auto resume from power off



7 inch full color screen

DH SERIES PARAMETER

Model	DH4	DH5	DH8	DH12
Printing size	400*300*300MM	400*300*500MM	600*600*800MM	1000*1000*1200MM
Nozzle diameter	0.4/0.6/0.8/1.0/1.2 mm			
Nozzle temperature	0-420°C			
Bed temperature	0-100°C			
Chamber constan temp	60°C			
Location accuracy	0.02 mm			
Print speed	0-200mm/s			
Operation interface	7" full color touch screen			
File format	STL/OBJ/GCODE/JPG			
Filament available	1.75mm PLA, ABS, ASA, PETG, PVA, etc			
Connection	SD CARD			
Input power	110/220V			
Basic functions	Auto leveling, filament sensor, auto resume from power off, auto power off			
Optional functions	Dual extruder, medium extruder			

DISPLAY

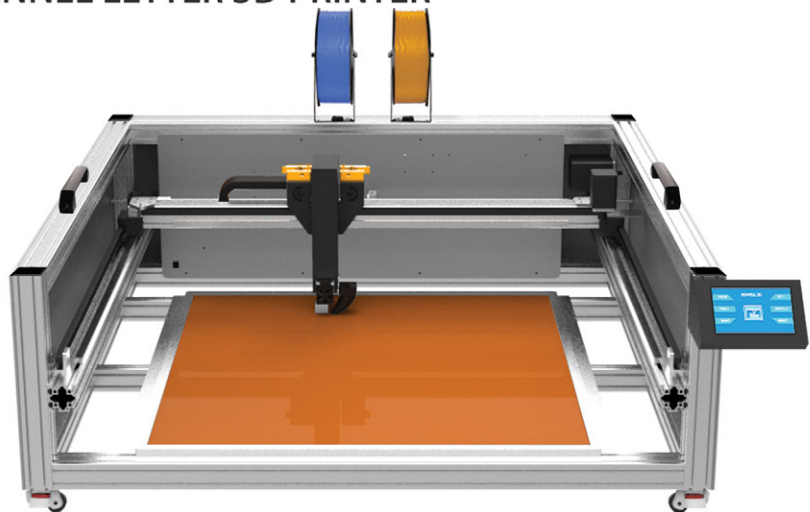


MODEL



DOWELL 3D PRINTER G SERIES

CHANNEL LETTER 3D PRINTER



LARGE SIZE



MULTIPLE COLOR



AUTO LEVELING



CONTROL SYSTEM



NOISELESS

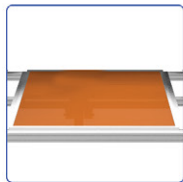


MULTIPLE PROTECTION

DETAILS



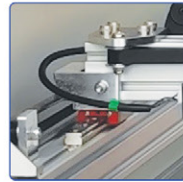
Dual feeder single nozzle for multi-color



Auto leveling for long time printing



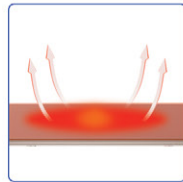
Tank chain withstand thousands of times of bending



High accuracy linear guide, stable and high accuracy



High load bearing Fermat wheel
Easy to move and strong load



High temp bed
Max can reach 150°C



Auto resume from power off



4.3 inch full color screen

G SERIES PARAMETER

Model	G6	G8	G10	G12
Printing size	600*600*85MM	800*800*85MM	1000*1000*85MM	1200*1200*85MM
Machine size	990*910*320MM	1190*1110*320MM	1390*1310*320MM	1590*1510*320MM
Heating platform wattage	900W	1400W	2300W	2800W
Operate wattage	300W	300W	300W	300W
Nozzle diameter	0.4/0.6/0.8/1.0 mm			
Nozzle temperature	260°C			
Bed temperature	100°C			
Location accuracy	0.02 mm			
Layer height accuracy	0.04-0.6 mm			
Print speed	30-150mm/s			
Operation interface	4.3" full color touch screen			
File format	STL/OBJ/GCODE			
Filament available	1.75mm PLA, ABS, ASA, PETG, PVA, TPU, PEI, PC, Nylon, Carbon fiber, etc			
Connection	SD CARD			
Input power	110/220V			
Basic functions	Auto leveling, filament sensor, auto resume from power off, auto power off			

PRODUCT

3D printing advertising machine can effectively solve the problems of complex manufacturing process, large limitations, high production cost, long cycle and not environmental protection encountered in traditional advertising word manufacturing. The machine is standard 85mm and supports larger size customization, which can meet the printing needs of more industries.

MODEL

