

DOWELL 3D PRINTER

Fast & Large & Industrial



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<http://www.dowell3dprinter.com>

<http://www.youtube.com/@dowell3dprinter>

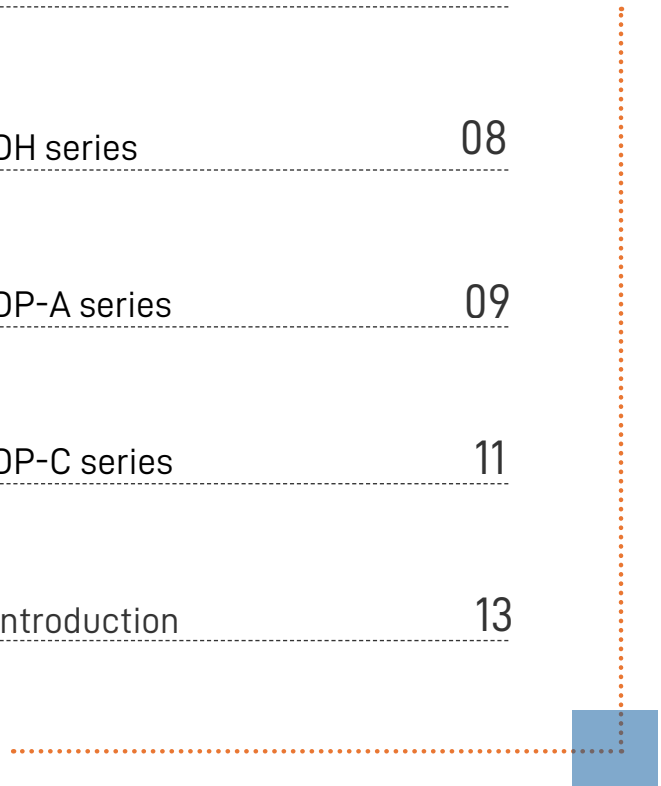


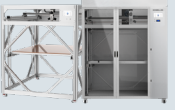
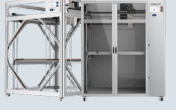
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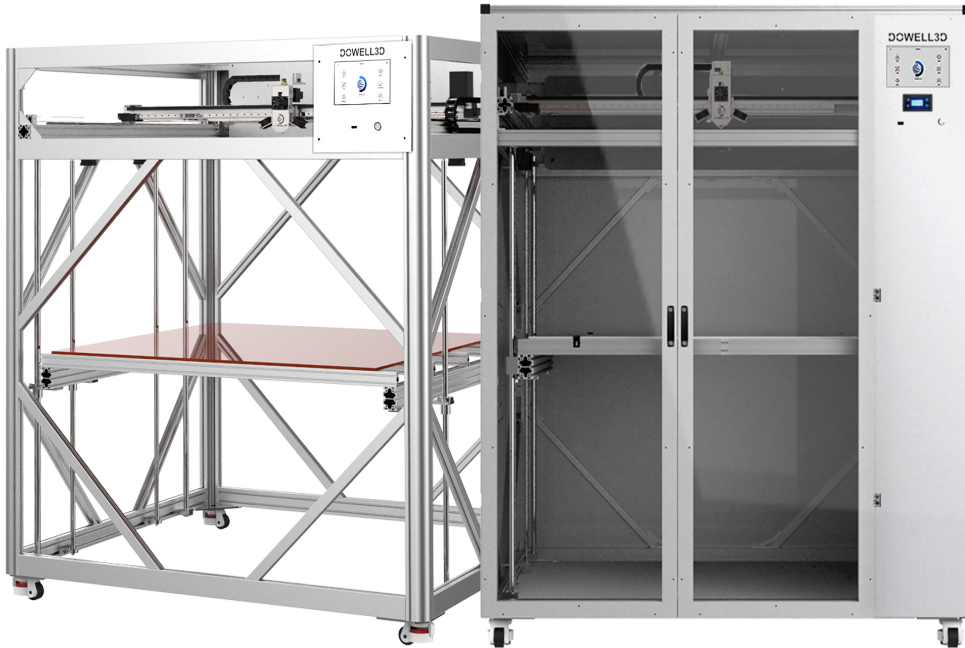
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Item	 DS/DM_{plus}	 DM_{pro}	 DL	 DH	 DP-A Pellet 3D Printer
Extrusion	Max 400g/h	Max 1000g/h	Max 1000g/h	Max 400g/h	Max 5000g/h
Advantage	150-500mm/s	250-500mm/s	250-500mm/s	150-500mm/s	0-300mm/s
Extruder	 Double gear extrusion	 Durable gears extrusion	 Durable gears extrusion	 Double gear extrusion	 Screw extrusion
Material	1.75mm Filament	2.85mm Filament	2.85mm Filament	1.75mm Filament	φ 4.0mm Pellet
Nozzle	0.4/0.6/0.8mm	0.8/1.2/1.6mm	0.8/1.2/1.6mm	0.4/0.6/0.8mm	1.0/2.0/3.0 mm
Motor	Stepper motor	Independent drive stepper motor	Reducer motor	Stepper motor	Servo motor
X,Y Movement	linear guide	module movements	module movements	CORE XY module movements	Screw drive
Screw rod	12 mm	16 mm	20 mm	12 mm	20 mm
Roller rod	16 mm	20 mm	30 mm	16 mm	30 mm
Frame	60mm	60mm	Thickened 80mm	Metal shell	Thickened 80mm
Remote Control	No	Yes	Yes	Yes	Yes
Camera	No	Yes	Yes	Yes	Yes
Screen	7"	10"	10"	7"	10"
Bed self-locking	No	Yes	Yes	No	Yes

FAST 3D PRINTER

150-500mm/s



LARGE SIZE



HIGH-TEMP NOZZLE



AUTO LEVELING



FAST PRINTING
150-500mm/s

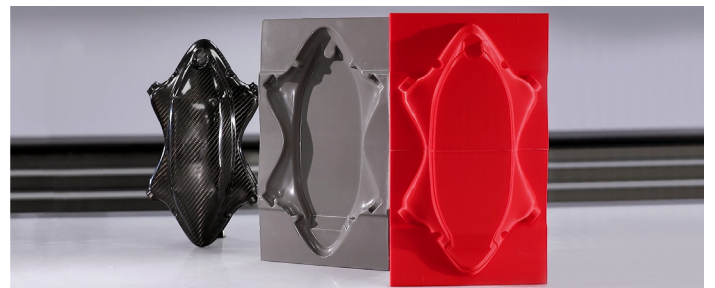
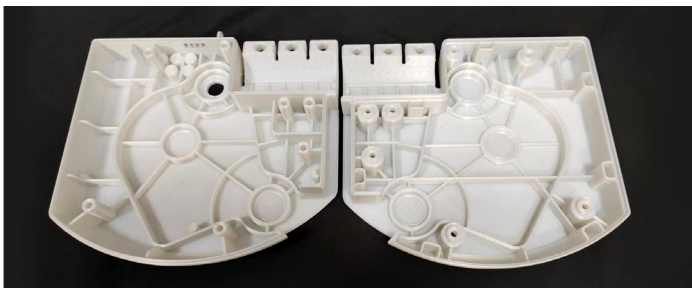


HIGH YIELDS



COST-COMPETITIVE

CUSTOMER FEEDBACK



Detail video: <http://www.youtube.com/@dowell3dprinter> 

Nozzle diameter	0.4/0.6/0.8 mm	
Nozzle temperature	0-380°C	
Bed temperature	0-100°C	
Location accuracy	0.02 mm	
Layer height accuracy	0.04-0.6 mm	
Extrusion flow rate	Max400g/hour	
Printing speed	150- 500mm/s	
Operation firmware	Independent research and development	
Operation interface	7"full color touch screen	
File format	STL/OBJ/GCODE	
Filament available	1.75mm PLA, PETG, ABS, ASA, PVA, TPU, WOOD, PLA+, CARBON FIBER, etc	
Connection	SD Card / U Disk / WiFi	
Basic functions	☒ Auto leveling ☒ Visible Printing status ☒ Z-offset adjustment ☒ Filament sensor ☒ Visible temperature graph ☒ History Record ☒ Wifi Connection ☒ Installable external camera ☒ Emergency stop button ☒ Gcode viewer ☒ Configuration editable ☒ Speed & extrusion & cooling adjustment	
Optional	60°C Enclosure	Customize printing size

DMplus SERIES STANDARD SIZE Customized accepted

Model	Printing size
DM6plus	600*600*600mm
DM6-8plus	600*600*800mm
DM6-10plus	600*600*1000mm
DM6-12plus	600*600*1200mm
DM6-16plus	600*600*1600mm
DM10-6plus	1000*1000*600mm
DM10-8plus	1000*1000*800mm
DM10plus	1000*1000*1000mm
DM10-12plus	1000*1000*1200mm
DM10-16plus	1000*1000*1600mm
DM10-20plus	1000*1000*2000mm
DM12-6plus	1200*1200*600mm
DM12-8plus	1200*1200*800mm
DM12-10plus	1200*1200*1000mm
DM12plus	1200*1200*1200mm
DM12-16plus	1200*1200*1600mm
DM1014-6plus	1000*1400*600mm
DM1014-10plus	1000*1400*1000mm
DM1014-16plus	1000*1400*1600mm
DM1214-12plus	1200*1400*1200mm
DM1214-16plus	1200*1400*1600mm
DM1216-12plus	1200*1600*1200mm
DM1218-18plus	1200*1800*1800mm
DM1220-18plus	1200*2000*1800mm

Model	Printing size
DM8-6plus	800*800*600mm
DM8plus	800*800*800mm
DM8-10plus	800*800*1000mm
DM8-12plus	800*800*1200mm
DM8-16plus	800*800*1600mm
DM1016-6plus	1000*1600*600mm
DM1016-8plus	1000*1600*800mm
DM1016-10plus	1000*1600*1000mm
DM1016-12plus	1000*1600*1200mm
DM1016-16plus	1000*1600*1600mm
DM1020-10plus	1000*2000*1000mm
DM1220-6plus	1200*1950*600mm
DM1220-8plus	1200*1950*800mm
DM1220-10plus	1200*1950*1000mm
DM1220-12plus	1200*1950*1200mm
DM1220-16plus	1200*1950*1600mm
DM1018-6plus	1000*1800*600mm
DM1018-10plus	1000*1800*1000mm
DM1018-16plus	1000*1800*1600mm
DM1216-16plus	1200*1600*1600mm
DM1218-12plus	1200*1800*1200mm
DM1218-16plus	1200*1800*1600mm
DM1220-20plus	1200*2000*2000mm

HIGH FLOW 3D PRINTER

Max 1000g/h



LARGE SIZE



HIGH-TEMP NOZZLE



AUTO LEVELING



1.6mm LARGE NOZZLES

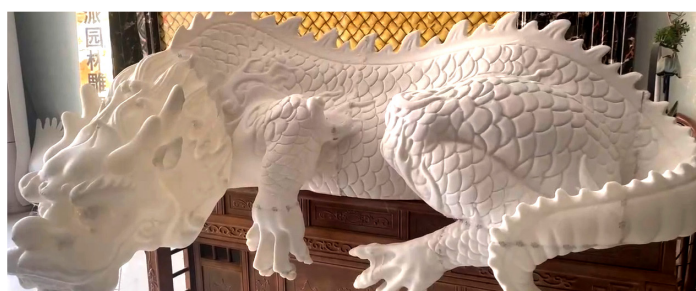


MULTIPLE NOZZLES



HIGH EXTRUSION FLOW
Max 1000g/h

CUSTOMER FEEDBACK



Detail video: <http://www.youtube.com/@dowell3dprinter>

Nozzle diameter	0.8/1.2/1.6 mm		
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		
Printing speed	250- 500mm/s		
Operation firmware	Independent research and development		
Operation interface	10"full color touch screen		
File format	STL/OBJ/GCODE/JPG		
Filament available	2.85mm PLA, PETG, ABS, ASA, PVA, TPU, WOOD, PLA+, CARBON FIBER, etc		
Connection	SD Card / U Disk / WiFi / Camera		
Input power	110/220V		
Basic functions	☒ Camera ☒ Filament sensor ☒ Remote control ☒ Wifi Connection ☒ Auto leveling ☒ Bed self-lock ☒ Visible Printing status ☒ Visible temperature graph ☒ Configuration editable ☒ Speed & extrusion & cooling adjustment ☒ Z-offset adjustment ☒ Gcode viewer ☒ History Record ☒ Emergency stop button		
Optional	60°C Enclosure	Dual extruder	Customize printing size

DMpro SERIES STANDARD SIZE

Customized accepted

Model	Printing size
DM8-6pro	800*800*600mm
DM8pro	800*800*800mm
DM8-10pro	800*800*1000mm
DM10-6pro	1000*1000*600mm
DM10-8pro	1000*1000*800mm
DM10pro	1000*1000*1000mm
DM10-12pro	1000*1000*1200mm
DM10-16pro	1000*1000*1600mm
DM10-20pro	1000*1000*2000mm
DM12-6pro	1200*1200*600mm
DM12-8pro	1200*1200*800mm
DM12-10pro	1200*1200*1000mm
DM12pro	1200*1200*1200mm
DM12-16pro	1200*1200*1600mm
DM1014-6pro	1000*1400*600mm
DM1014-10pro	1000*1400*1000mm
DM1014-16pro	1000*1400*1600mm
DM1214-12pro	1200*1400*1200mm
DM1214-16pro	1200*1400*1600mm
DM1216-12pro	1200*1600*1200mm
DM1218-18pro	1200*1800*1800mm
DM1220-18pro	1200*2000*1800mm

Model	Printing size
DM8-12pro	800*800*1200mm
DM8-16pro	800*800*1600mm
DM1016-6pro	1000*1600*600mm
DM1016-8pro	1000*1600*800mm
DM1016-10pro	1000*1600*1000mm
DM1016-12pro	1000*1600*1200mm
DM1016-16pro	1000*1600*1600mm
DM1020-10pro	1000*2000*1000mm
DM1220-6pro	1200*2000*600mm
DM1220-8pro	1200*2000*800mm
DM1220-10pro	1200*2000*1000mm
DM1220-12pro	1200*2000*1200mm
DM1220-16pro	1200*2000*1600mm
DM1018-6pro	1000*1800*600mm
DM1018-10pro	1000*1800*1000mm
DM1018-16pro	1000*1800*1600mm
DM1216-16pro	1200*1600*1600mm
DM1218-12pro	1200*1800*1200mm
DM1218-16pro	1200*1800*1600mm
DM1220-20pro	1200*2000*2000mm

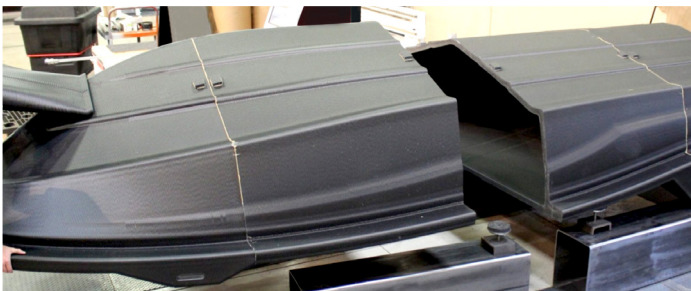
ADVANCED 3D PRINTER

Ultra-large & Heavy duty & Fast Extrusion



-  ACCURACY CONTROL
-  HIGH-TEMP NOZZLE
-  AUTO LEVELING
-  ULTRA-LARGE SIZE
-  HEAVY DUTY FRAME
-  1000G/HOUR EXTRUSION

CUSTOMER FEEDBACK



Detail video: <http://www.youtube.com/@dowell3dprinter> 

Nozzle diameter	0.8/1.2/1.6 mm		
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		
Printing speed	250-500mm/s		
Operation firmware	Independent research and development		
Operation interface	10"full color touch screen		
File format	STL/OBJ/GCODE/JPG		
Filament available	2.85mm PLA, PETG, ABS, ASA, PVA, TPU, WOOD, PLA+, CARBON FIBER, etc		
Connection	SD Card / U Disk / WiFi / Camera		
Input power	110/220V		
Basic functions	☒ Camera ☒ Filament sensor ☒ Remote control ☒ Wifi Connection ☒ Auto leveling ☒ Bed self-lock ☒ Visible Printing status ☒ Visible temperature graph ☒ Configuration editable ☒ Speed & extrusion & cooling adjustment ☒ Z-offset adjustment ☒ Gcode viewer ☒ History Record ☒ Emergency stop button		
Optional	Customize printing size	60°C Enclosure	

DL SERIES STANDARD SIZE

Customized accepted

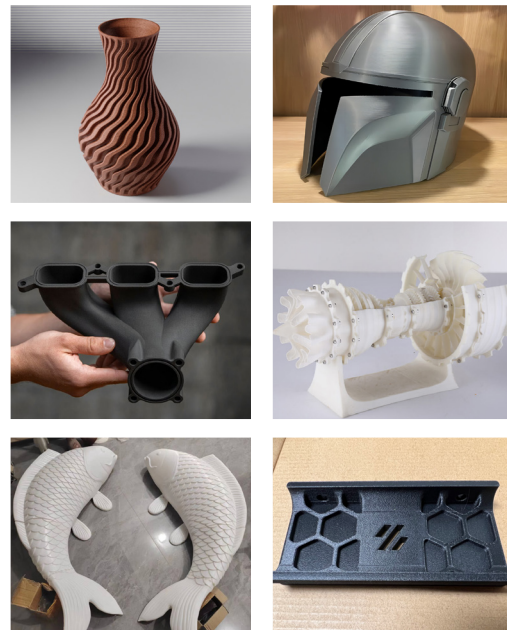
Model	Printing size
DL10	1000*1000*1000 mm
DL10-12	1000*1000*1200mm
DL10-16	1000*1000*1600mm
DL10-20	1000*1000*2000 mm
DL1014-6	1000*1400*600 mm
DL1014-10	1000*1400*1000 mm
DL1014-16	1000*1400*1600 mm
DL1016-6	1000*1600*600 mm
DL1016-8	1000*1600*800 mm
DL1016-10	1000*1600*1000 mm
DL1016-12	1000*1600*1200 mm
DL1016-16	1000*1600*1600 mm
DL1018-6	1000*1800*600 mm
DL1018-10	1000*1800*1000 mm
DL1018-6	1000*1400*1600 mm
DL1020-10	1000*2000*1000 mm
DL1616-12	1600*1600*1200 mm
DL1616-16	1600*1600*1600 mm
DL1624-12	1600*2400*1200 mm

Model	Printing size
DL12-6	1200*1200*600 mm
DL12-8	1200*1200*800mm
DL12-10	1200*1200*1000mm
DL12	1200*1200*1200 mm
DL12-16	1200*1200*1600 mm
DL1214-12	1200*1400*1200 mm
DL1214-16	1200*1400*1600 mm
DL1216-12	1200*1600*1200 mm
DL1216-16	1200*1600*1600 mm
DL1218-12	1200*1800*1200 mm
DL1218-16	1200*1800*1600 mm
DL1218-18	1200*1800*1800 mm
DL1220-12	1200*2000*1200 mm
DL1220-16	1200*2000*1600 mm
DL1220-18	1200*2000*1800 mm
DL1220-20	1200*2000*2000 mm
DL1620-12	1600*2000*1200 mm
DL1620-16	1600*2000*1600 mm
DL1624-16	1600*2400*1600 mm

METAL ENCLOSED 3D PRINTER

60°C High temperature & 150-500mm/s Fast Speed

CUSTOMER FEEDBACK



DH SERIES PARAMETER

Model	DH600	DH800	DH1000
Printing size	600*600*600MM	800*800*800MM	1000*1000*1000MM
Operation firmware	Independent research and development		
Nozzle diameter	0.4/0.6/0.8 mm		
Nozzle temperature	0-380°C		
Bed temperature	0-100°C		
Chamber constan temp	0-60°C		
Location accuracy	0.02 mm		
Extrusion flow rate	400g/hour		
Print speed	150-500mm/s		
Operation interface	7"full color touch screen		
File format	STL/OBJ/GCODE/JPG		
Filament available	1.75mm PLA, PETG, ABS, ASA, PVA, TPU, WOOD, PLA+, CARBON FIBER, etc		
Connection	SD Card / U Disk / WiFi		
Input power	110/220V		
Basic functions	☒ Auto leveling ☒ Visible Printing status ☒ Z-offset adjustment ☒ Filament sensor ☒ Visible temperature graph ☒ History Record ☒ Wifi Connection ☒ Configuration editable ☒ Emergency stop button ☒ Gcode viewer ☒ Remote control ☒ Speed & extrusion & cooling adjustment		

Detail video: <http://www.youtube.com/@dowell3dprinter>

PELLET 3D PRINTER

Max 5000g/h



PRECISE CONTROL



HIGH-TEMP NOZZLE



AUTO LEVELING



ULTRA-LARGE SIZE



HEAVY DUTY FRAME



LOW COST MATERIAL

CUSTOMER FEEDBACK



Detail video: <http://www.youtube.com/@dowell3dprinter>



DP-A SERIES	Automatic Feeding DP-A		
Nozzle diameter	1.0/2.0/3.0 mm		
Extruder	3 Stage Screw extrusion		
Max extrusion flow rate	4000-5000g/hour		
Printing speed	0-300mm/s		
Extruder cooling system	Water cooling		
Material	pellet<Φ4mm recommended		
Nozzle temperature	0-420°C		
Bed temperature	6mm tempered glass 0-100°C		
Operation interface	10"full color touch screen		
File format	STL/OBJ/GCODE/JPG		
Connection	SD Card / U Disk / WiFi / Camera		
Operation firmware	Independent research and development		
Transmission	Screw drive & Servo Motor		
Input power	110/220V		
Basic functions	☒ Camera ☒ Bed self-lock ☒ History Record ☒ Auto leveling ☒ Visible Printing status ☒ Z-offset adjustment ☒ Gcode viewer ☒ Visible temperature graph ☒ Configuration editable ☒ Remote control ☒ Wifi Connection ☒ Emergency stop button ☒ Speed & extrusion & cooling adjustment		
Optional	Customize printing size	60°C Enclosure	

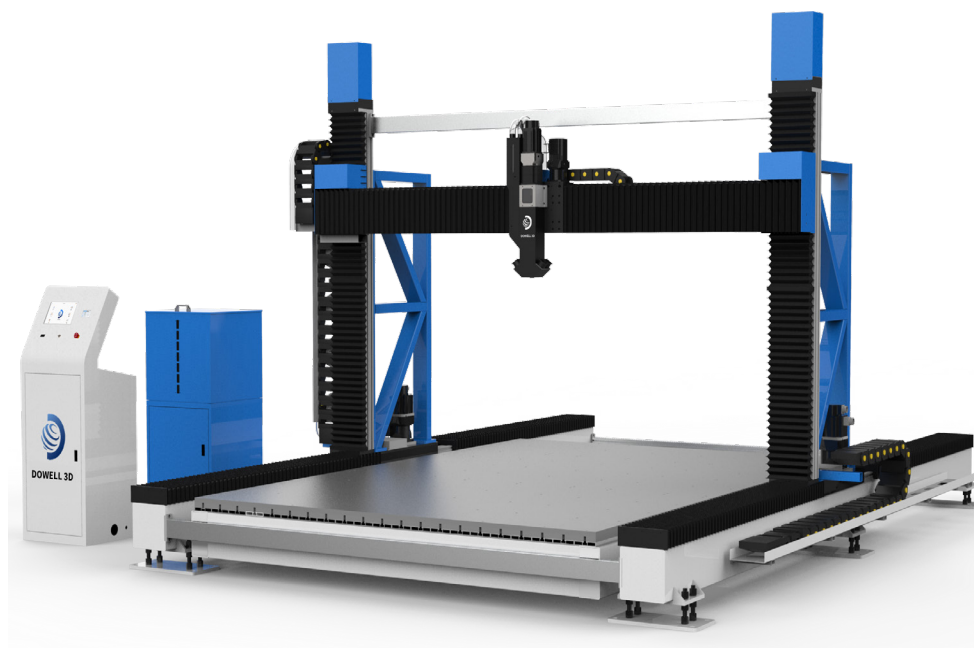
DP-A SERIES STANDARD SIZE Customized accepted

Printer Model	Printing size
DP-A10	1000*1000*1000 mm
DP-A12	1200*1200*1200 mm
DP-A1220-12	1200*2000*1200 mm
DP-A1616-12	1600*1600*1200 mm
DP-A1624-12	1600*2400*1200 mm

Printer Model	Printing size
DP-A10-16	1000*1000*1600 mm
DP-A12-16	1200*1200*1600 mm
DP-A1220-16	1200*2000*1600 mm
DP-A1616-16	1600*1600*1600 mm
DP-A1624-16	1600*2400*1600 mm

PELLET 3D PRINTER

Max 200kg/24h



PRECISE CONTROL



HIGH-TEMP NOZZLE



PELLET RAW MATERIAL PRINTING



ULTRA-LARGE SIZE

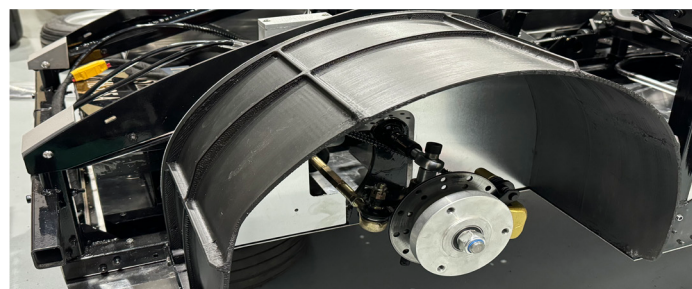


AUTOMATIC LOADING



SMOOTH MOVEMENT

CUSTOMER FEEDBACK



Detail video: <http://www.youtube.com/@dowell3dprinter>

DP-C SERIES	Gantry 3D Printer DP-C		
Nozzle diameter	2.0/3.0/4.0 mm		
Extruder	3 Stage Screw extrusion		
Max extrusion flow rate	200kg/24hour automatic feeding		
Printing speed	0-300mm/s		
Extruder cooling system	Water cooling		
Material	pellet< Φ 4mm recommended PLA/PETG/ABS/PP Glass Fiber/TPE...		
Nozzle temperature	0-420°C		
Bed Type	PP Platform (standard) Heating Glass Platform (customization)		
File format	STL/OBJ/GCODE/JPG		
Connection	SD Card / U Disk / WiFi / Camera		
Operation firmware	Independent research and development		
Input power	Standard 380V / Customizable 110V/220V		
Basic functions	☒ Gcode viewer ☒ Visible Printing status ☒ History Record ☒ Remote control ☒ Visible temperature graph ☒ Z-offset adjustment ☒ Wifi Connection ☒ Configuration editable ☒ Automatic Feeding ☒ Speed & extrusion & cooling adjustment ☒ Water cooling		

DP-C SERIES STANDARD SIZE Customized accepted

Printer Model	Printing size
DP-C2030-10	2000X3000X1000mm
DP-C2530-10	2500X3000X1000mm
DP-C3040-15	3000X4000X1500mm

Printer Model	Printing size
DP-C3050-15	3000X5000X1500mm
DP-C3060-15	3000X6000X1500mm



Luoyang Dowell electronics technology Co., Ltd is a manufacturer with nearly 10 years of R&D, production and export experience. Utilize our professional 3D printing systems to unlock valuable applications and reduce costs. Explore new 3D printing applications with a wide range of materials on the market, making them versatile. sizes. Designed for engineering, automotive, sculpture and furniture applications, this giant 3D printer is ideal for prototyping and manufacturing.

10 years+
R&D Experience

58 +
Professional technician

2500 m² +
Workshop area

8000 +
Cooperative customers



12
Months long warranty



Free
Life-time free after-sale service

