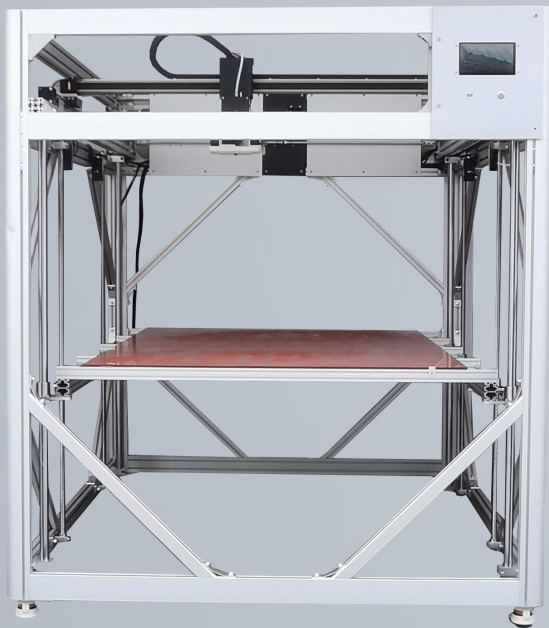




# DOWELL 3D PRINTER DL SERIES

## High flow extruder



### 20X flow volume

Volume/Second:  $360\text{mm}^3/\text{s}$

Weight/Hour: 1600g/h

LUOYANG DOWELL ELECTRONICS TECHNOLOGY CO., LTD

[www.dowell3dprinter.com](http://www.dowell3dprinter.com)



# ABOUT US



**R&D TEAM**



**WORKSHOP**

**To build a world-class real large 3D printer**

# DL SERIES ADVANTAGES

320°C high temperature nozzle  
Proximal feeder  
Anti-collision system

7" color touch screen

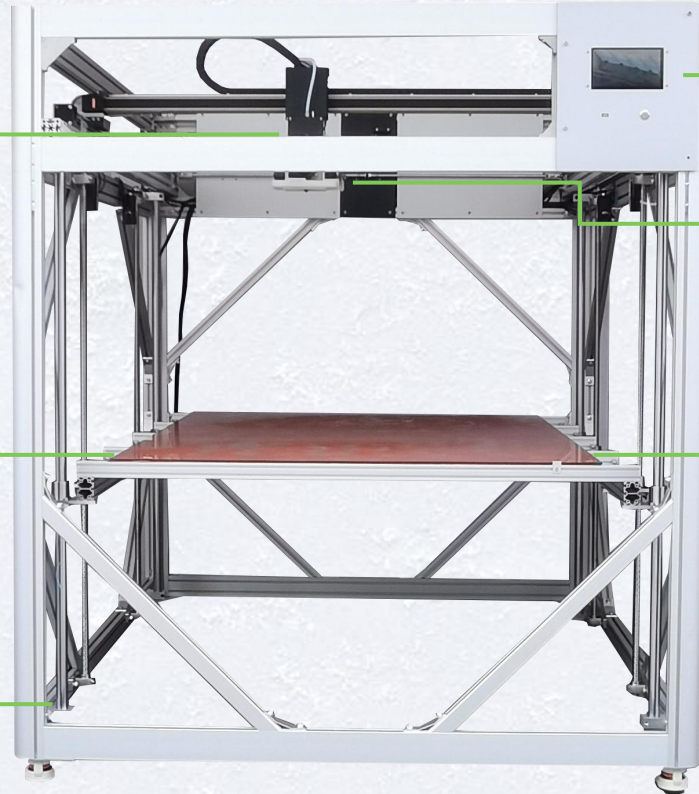
BL TOUCH auto leveling

High temperature heating bed can reach 100°C.  
( We accept custom made 150°C. )

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.

Heavy duty forma wheel





# DL SERIES DETAILS

## Auto leveling

Real auto leveling, 4 X roller rods operating separately, One-touch operation; With expensive brake motors to avoid offset when removing print

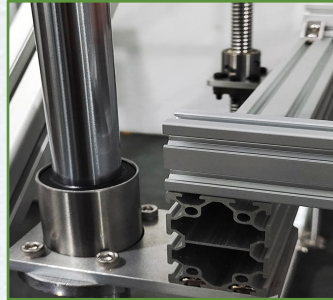


## Sliding platform module drive

cnc grade sliding module, better straightness, stronger bearing capacity, faster speed, it can better improve the printing speed and accuracy.

## Roller rods

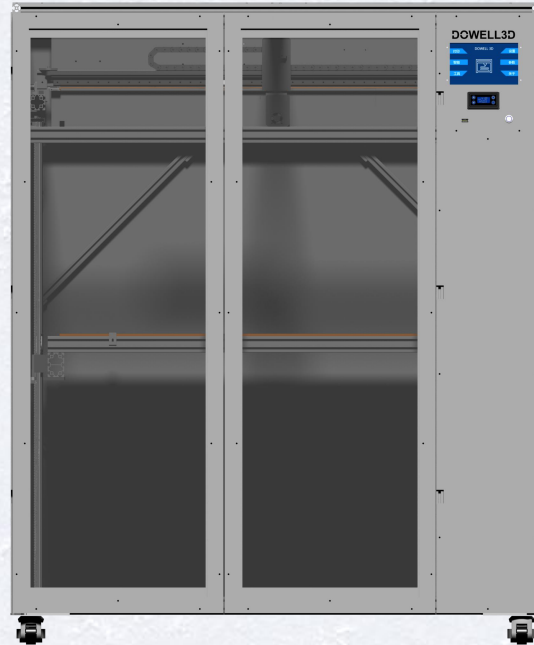
Z axis using four linear bearings and four ball screws for driving which can keep the accuracy of Z axis also with brake motor at the same time. It makes platform more stable, long time operation is guaranteed!



## Auto resume

Auto resume from power off

## DL SERIES WITH ENCLOSURE & CONSTANT TEMPERATURE SYSTEM



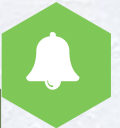
Temperature control panel

Chamber constant  
temperature 60°C



Enclosure

Acrylic shell  
Simple assembling  
Economical transportation



# DL SERIES PARAMETER

Nozzle diameter	0.5/1.0/1.5/2.0/2.5mm		
Nozzle temperature	0-320°C		
Bed temperature	0-100°C		
Location accuracy	0.02mm		
Layer height accuracy	0.05-2mm		
Printing weight/hour	1600g/hour		
Operation interface	7" full color touch screen		
File format	STL/OBJ/GCODE/STP		
Filament available	PLA/PETG/TPU/PBT/PVA/Nylon carbon fiber/nylon glass fiber, etc		
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	Dual extruder
	Enclosure	Enclosure with constant temperature system 60°C/ Custom made 150C high-temperature platform	



## DL 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	



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## CONTACT US

**Please notice:**

There's only below three websites belong to Luoyang Dowell electronics technology Co., Ltd officially websites:

[www.dowell3d.cn](http://www.dowell3d.cn)

[www.dowell3d.com.cn](http://www.dowell3d.com.cn)

[www.dowell3dprinter.com](http://www.dowell3dprinter.com)

**We have not authorized any personal or other companies for selling our all machines. If you found there's any other companies or personnel who sell our machine, please contact us in time in order to avoid being cheated.**