

# Specifications

Dimension	
Product Dimensions (W x D x H)	554 x 579 x 524 mm (21.8 x 22.7 x 20.6 in)
Product Weight	~ 24kg ( ~ 52.9 lbs)
Packaging Dimensions (W x D x H)	640 x 630 x 610 mm (25.1 x 24.8 x 24.0 in)
Packaged weight (incl. main body and accessories)	~ 33kg ( ~ 72.7 lbs)
Temperature	
Ambient operating temperature	15 ~ 35 °C
Storage temperature	0 ~ 35 °C
Electronics	
AC input	Free Volt 100~240V, 50/60Hz
Power supply	24 V DC @ 25A
Power consumption	~ 500W (Max)
Memory and communication	USB Memory (FAT32), USB Cable, WiFi printing ready
Software	
Slicer Software	Cubicreator v3.0 (for Windows)
File Type	*.stl , *.obj
System Requirements	Windows 7+
Printing	
Printing technology	FFF- Fused Filament Fabrication
Printed object size (W x D x H)	240 x 190 x 200 mm (9.4 x 7.4 x 7.8 in)
Build Speed	Max 500 mm/sec
Layer Height Setting	150 ~ 300um , Min 100um
Printed wall thickness	Optimal: 400+um with 0.4mm Nozzle
Filament diameter	1.75 mm
Filament type	ABS, PLA, Flexible Filament
XY position precision	6.25 um
Z position precision	1.25 um
Max. nozzle temperature	260 °C
Max. heating bed temperature	120 °C (Quicken Bed Heating time)

※ Product's features and functions are subject to change.



[www.3dcubicon.com](http://www.3dcubicon.com)



The Most Advanced Desktop 3D Printer.  
Plug & Play easier than ever.  
HyVISION System Technology.  
New Generation,  
CUBICON Single Plus



## Main Features



Replaceable Extruder.



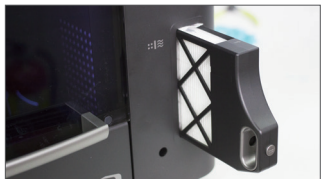
Use of 4.3" Touch LCD Display.



Printing through WiFi printing ready or USB connection



Auto Leveling Plus function (Patented technology)



Triple Air filters.



Multiple Filaments (ABS, PLA, Flexible Filament)

## Industrial-use 3D Printer, CUBICON Single Plus

3DP-310F

### User Convenience.

- Auto Leveling Plus function - Patented technology incorporating mechanical auto leveling of coated, heated bed, no need to use any tapes or glue or scrape off bed.
- Use of 4.3" Touch LCD Display.
- Printing through WiFi printing ready or USB connection with Spool Memory
- Replacble Extruder for easy repair.

### Fast than ever

- Print Speed up to 500mm/s (from previous 300mm/s).
- Faster Data processing speed by use of 32bit Main board.
- Shorten Bed Heating Speed.

### Excellent Print Quality.

- Air Convection Flow Function to keep constant internal temperature.

### Perfect for all environment.

- Built-in Air Filter to filter out toxic fumes.
- Low Noise Level.

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*HyVISION SYSTEM realizes dreams of humankind with technology and achieves rapid growth through continuous challenges and innovations.*

*The challenges will not end here.*

*HyVISION SYSTEM is your dream making partner.*

*Just print your imagination with CUBICON Single Plus.*