

CRAFTBOT 3^{NEW}

3D PRINTER

THE SUPERVISOR

CraftBot3, the first 3D Printer with filament monitoring system was designed for everyone who wants to avoid wasted time and money.



FILAMENT MONITORING SYSTEM

The filament monitoring system (FMS) of the new CraftBot3 supervises filament consumption, starts immediate troubleshooting when a filament jam is detected and messages the user in case there's a need for intervention.



DUAL EXTRUSION PRINT HEAD

The two separated printer heads make it possible to print two objects at a time, as well as PVA printing that makes printing object supports an easy task as you can simply dissolve the support in water after printing is finished. Teflon threads help to prevent unwanted excess filament material from sticking to your prints. They achieve this by wiping the nozzle during the period between the changing of the heads.



NEW MOTOR CONTROL FOR QUIET PRINTING

Thanks to the new motor control, 3D printing is quieter than ever.



FULL METAL HOTEND

CraftBot3 is able to print at a temperature as high as 300°C, making it perfect to use with more special filaments as well.



LED STATUS INDICATORS

The new 3D printer by CraftBot uses different colored LED status indicators to signal the current status of printing that can be customized for an even better experience.



HIGH ACCURACY BALL SCREWS

CraftBot3 is equipped with high-accuracy ball screws that makes the printing quality even more astounding.



OPTIMIZED OBJECT COOLING TECHNOLOGY

The modified object cooling technology of the CraftBot3 makes quality printing of even the smallest objects a breeze.



XY UNIT

The removable horizontal platform makes servicing the printer faster and more efficient.



HEATABLE & REMOVABLE BUILD PLATFORM

Heating prevents warping and sticking. Removable build platform is easier to clean.



PRINT PAUSE & RESUME

You can pause or resume printing and change the filament any time. Even blackouts are no longer an issue!



WIFI CONNECTIVITY

With apps available for iOS and Android devices, users can upload 3D projects to their CraftBot3, start and stop the printing process, control the heat settings.



BUILT-IN COUNTER

Logs the time of operation and filament usage.



PRINTING ACCURACY

CraftBot3 is capable of 50 micron/layer resolution (with 0.25 mm nozzle) providing excellent print quality.

Craft Bot 3

www.craftbot.com

SPECIFICATION

PRINTING

Printing technology:	Fused Filament Fabrication (FFF)
Build height:	25 cm
Total printing area:	37,4 x 25 x 25 cm
Printing area - dual printer head:	27 x 25 x 25 cm
Printing area - single printer head:	32,2 x 25 x 25 cm
Multi-part printing:	18,7 x 25 x 25 cm
Layer resolution:	50 micron (with 0.25 mm nozzle)
Position precision:	X,Y: 4 micron; Z: 2 micron
Filament types:	PVA, PLA, ABS, HIPS, PET, Nylon, etc.
Filament diameter:	1.75 mm
Nozzle diameter:	0.25-0.8 mm
Print speed:	50-200 mm/s
Wireless connection:	802.11b/g/n
Power consumption:	cca. 350W

TEMPERATURE

Ambient temperature:	15-32 °C
Storage temperature:	0-32 °C
Operating nozzle temperature:	180-300 °C
Operating heated build plate temperature:	50-110°C

PRODUCT NAME

CRAFTBOT3

PHYSICAL DIMENSIONS

Frame dimensions:	x: 57 cm
	y: 44 cm
	z: 48,8 cm
Shipping box:	x: 70 cm
	y: 58 cm
	z: 66 cm
Weight:	32 kg
Shipping weight:	36 kg

USEFUL ACCESSORIES AVAILABLE IN OUR WEBSHOP:

PLEXIGLASS DOOR + PETG DOME COVER

- prevent kids from reaching inside
- keeps the heat and fumes inside
- can be locked
- shock-resistant plastic dome
- dome comes equipped with an activated carbon and HEPA filter

PERFORATED BUILD PLATFORM

- ensures better adhesion

SOFTWARE

Software package:	CraftWare
File types:	OBJ/STL/CWPRJ
Supports:	Windows 7 and above, OS X and Linux

COLOR

 Gray

GET IN TOUCH!

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