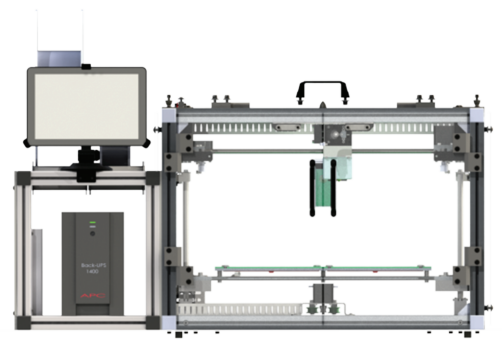
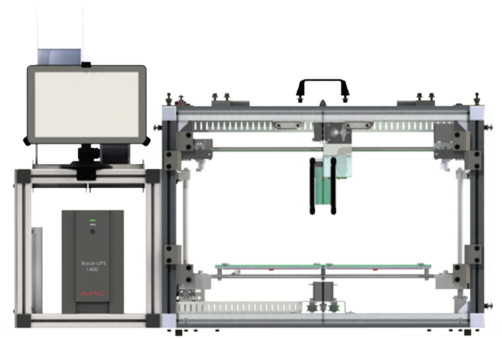


TECHNICAL DETAILS		P3DT_190_S_TIPUS	P3DT_400_D_TIPUS
Overall dimensions:	Unpacked dimensions:	680 x 570 x 500 mm (26.8 x 22.5 x 19.7 in)	
	Packed dimensions:	810 x 760 x 620 mm (31.9 x 29.9 x 24.4 in) without pallet	
Weight	Printer weight:	47 kg (103 lbs)	
	Printer weight with all equipment:	79 kg (174 lbs)	
PRINTING SPECIFICATIONS			
Build Volume (xyz)		400 x 300 x 190 mm (15.75 x 11.8 x 7.5 in)	400 x 240 x 400 mm (15.75 x 9.45 x 15.75 in)
Resolution	Layer adjustable:	from 0,08 up to 0,3 mm (0.003 up to 0.012 in)	
Achievable precision:		Max. precision: 0.1 mm / 100 mm (0.004 in/ 3.93 in)	
Printing & Travel speed	Maximal printing speed – Vase mode:	up to 180 mm/s (7.09 in/s)	
	Standard mode:	up to 80 mm/s (3.15 in/s)	
Nozzle diameter:		0.2 / 0.3 / 0.4 / 0.5 / 0.75 mm (optional) (0.007 / 0.011 / 0.015 / 0.019 / 0.029 in)	
Hot end	Standard version temperature:	up to 280°C (536°F)	
	High temperature hot end version:	up to 405°C (761°F)	
Heated printing bed	Temperature:	up to 105° (221° F)	
	Power consumption:	180 W	
ELECTRICAL CONNECTION & POWER SPECIFICATION			
Power supply	Electrical input:	240V 50/60 hz (110V) - one phase	
	Power consumption:	350 W	
	Plug:	Standard EU plug (other standards possible)	



OPERATING CONDITIONS		
Supported connectivity		Wi-fi, Ethernet and USB
Humidity and temperature	Humidity:	Relative operating humidity from 30% up to 70% Rh
	Temperature:	Overall temperature from 10°C (50°F) to 32°C (90 °F)
FILAMENT UNWINDER & PRINT MATERIAL SUPPORTED		
Filament spool unwinder	Dimensions:	460 x 310 x 340 mm (18.11 x 12.2 x 13.4)
	Weight:	8 kg (17.6 lbs)
	Capacity:	2x up to 2,5 kg filament spools (5.51 lbs)
	Construction:	Aluminium profiles supported by strengthen covered partly by plexiglass
Supported material types		PLA Extrafill/PLA Crystal Clear, TPU/TPE Flexfill Flexible, Timberfill, Nylon, Vinyl, ABS Extrafill, CPE, ASA, PC, Carbon, Hyps, PMMA
SOFTWARE		
Operating software for printers		Repetier Server including Slicers
Operating System for Repetier Server on Workstation (PC)	Windows OS:	Windows 7, Windows 8, Windows 10
	Linux OS:	Ubuntu, Debian, Redhat, Fedora
Operating System for Tablet	Windows OS:	Windows 7, Windows 8, Windows 10
	Linux OS:	Ubuntu, Debian, Redhat, Fedora
ADDITIONAL EQUIPMENT FOR PRINTER		
Full HD Wi-fi camera	Dimensions:	132 x 41 x 40 mm (5.2 x 1.57 x 1.61 in)
	Video quality:	1920 x 1080 p Full HD
	Power: Camera:	12V DC/1A
	Lens:	1.30 mm / F2.5
	Operating conditions:	0–80° C
UPS battery backup	Output Capacity:	1400 VA / 700 W
	Output Voltage: (On utility):	230 V
	Output Voltage (On battery):	230 V +/-8%
	Input voltage:	150 –280 V
	Unit weight:	12.0 kg (26.4 lbs)
Tablet 10,1"	Connection:	Wifi, USB



	Resolution:	1200*1920	
	IPS Screen:	10.1 inch HD	
	Weight:	562 g (1.1 lbs)	
	RAM memory:	4 GB; ROM memory: 64 GB;	
	Processor:	Intel Cherry Trail X5 Z8350	
	OS:	Linux	
Stuck Filament System	Material	Aluminium	
	Operating voltage:	5V	
	Resolution:	6.8 mm/impuls (0.27 in)	
	Individual monitoring of dual extrusions on stack of material or the end of filament		
	After activation is the printer put into "Pause" not stop of print		
Extruder	Nozzles:	Stable & proven construction of single extruder	Two independently adjustable hot ends
	Material capabilities:	Single material capability	Multi-material capabilities
Certificate		+F	
		WEE	