

3D STUFFMAKER MODEL (ASSEMBLED)		CORE XT
Key Characteristics	Light industrial grade, high rigidity & repeatability, configurable, long service life, large print volume	
Experience Required	Light Engineering & technical ability	
PERFORMANCE & FEATURES		
Layer Resolution (Min. Layer Height)	50 microns	
Layer Height Range	50 -700 microns	
Print Volume (Litres)	10.6	
Print Size (X Y Z)	220x240x200mm	
Maximum Potential Print Size (cm²)	10560	
Print Plate Size	320x270x4mm	
Fitted Print Plate	Heavy Duty Metal	
Nozzle Fitted	Single Nozzle 0.7 Quickprint (1.75mm PLA) OPTIONAL: Single Nozzle 0.4mm Fine Print, 0.3mm Superfine Print (1.75mm PLA); Single Nozzle 0.7mm Quickprint, 0.4mm Fine Print (3.00mm PLA) using optional 3.00mm Heavy Duty Geared Extruder	
Extruder temperature range	170-225° C (338-437 ° F)	
Wall Thickness Range	0.7 - (750 - 980) microns 0.4 - (450 - 560) microns 0.3 - (350 - 420) microns	
Printing Modes	Superfine, Solid, Honeycomb & Hollow	
Extruder (PLA)	Fitted (1.75mm) - Single direct feed extruder; OPTIONAL: (3.00mm) - Heavy Duty Geared Extruder	
Extruder Drive	Single Sided- Fitted (1.75mm direct drive extruder); OPTIONAL: Double Sided - Optional (3.0mm heavy duty geared extruder)	
Extruder Pressure	12kg (27lb)	
Extruder Speed	40mm p/sec, software 600, minimum 2.5m minute	
PRODUCT SIZES & COLORS		
3D Printer colors	Red & Black (other colors special order)	
Body Material	High Precision Heavy Metal	
Product Build Accuracy	15 Microns	
Product Size (L x W x H)	56 x 49 x 32cm (22.1 x 19.3 x 12.6 in)	
Product weight (kg)	15kg (33lb)	
Shipping box Size & Weight (Assembled)	65 x 62 x 22 cm (25.6 x 24.5 x 8.5 in) 19kg (42lb)	
SOFTWARE & OPERATION		
Supported file types	.STL	
3D software supplied (EasyPrint)	Supplied	
Operating system	Windows/Linux	
Computer requirements	1.8 GHz with 1GB RAM	
Recommended operating temperature	18-25° C (64-77° F)	
Electronics	Gen6	
SERVICE		
Online Skype support	1 month	
Warranty	1 year	
Certification	CE, ROHS	
REQUIREMENTS		
Printing filament	1.75mm PLA OPTIONAL: 3mm PLA	
Power Requirements (12V DC, 5 amps)	Supplied: 12V 5 Amp (UL Rated Power Supply with AC Adaptor)	
USB Cord	Supplied	
SUPPORT & ACCESSORIES AVAILABLE - SOLD SEPARATELY UNLESS SPECIFIED AS SUPPLIED		
Nozzles: 0.7 Nozzle 1.75mm (spare), 0.4 Nozzle 1.75mm, 0.3 Nozzle 1.75mm, 0.7 Nozzle 3.00mm, 0.4 Nozzle 3.00mm		
Maintenance kit		
Surface Protective Tape		
Essential Kit [Maintenance Kit + Surface Protective Tape + Spool Holder + 1KG 1.75mm PLA]		
Print Plates: Heavy Duty Print Plate (spare), Light Duty Print Plate, Light Duty Print Plate (Set Of 5)		
Single Head 3mm Pro Extruder Conversion Kit (Nozzle not included)		
12V 5 Amp UL Rated Power Supply with AC Adaptor (Optional Australia, USA, EU, UK)		
Extended Support Package (Basic): 1 Month (Free) - Optional 3 months ; 6 months		
Printing Filament: 1.75 mm PLA (various colours), 3.00 mm PLA (various colours)		
Most orders will be dispatched from our warehouse between 1-2 weeks of payment receipt. *We reserve the right to change or upgrade specifications without notice. 100 Microns = 0.1 mm.		

3D STUFFMAKER MODEL (ASSEMBLED)	CREATOR GEN2 PRO	EVOLUTION GEN2 PRO
Key Characteristics	Hobbyist & Education grade	Education & Engineering grade
Experience Required	Light Engineering & technical ability	Medium Engineering & technical ability
PERFORMANCE & FEATURES		
Layer Resolution (Min. Layer Height)	80 microns	80 microns
Layer Height Range	80-700 microns	80-700 microns
Print Volume (Litres)	1.5	8.0
Print Size (X Y Z)	110x130x105mm	200x200x200mm
Maximum Potential Print Size (cm³)	1501.5	8000
Print Plate Size	148x148x6mm	235x235x6mm
Fitted Print Plate	Heavy Duty Metal	Heavy Duty Metal
Nozzle Fitted	0.7 Quickprint (1.75mm PLA)	0.7 Quickprint (1.75mm PLA)
Extruder temperature range	170-250° C (338-480° F)	170-250° C (338-480° F)
Wall Thickness Range	730-980 microns	730-980 microns
Printing Modes	Solid, Honeycomb & Hollow	Solid, Honeycomb & Hollow
Extruder (PLA)	Fitted (1.75mm)	Fitted (1.75mm)
Extruder Drive	Single Sided (1.75mm direct drive extruder)	Single Sided (1.75mm direct drive extruder)
Extruder Pressure	12kg (27lb)	12kg (27lb)
Extruder Speed	38mm p/sec, software 600, minimum 2.5m minute	38mm p/sec, software 600, minimum 2.5m minute
PRODUCT SIZES & COLORS		
3D Printer colors	Black & Transparent	Black & Transparent
Body Material	Acrylic	Acrylic
Product Build Accuracy		
Product Size (L x W x H)	35 x 36 x 35cm (13 x 14 x 13 in)	51 x 46 x 45cm (20 x 18 x 18 in)
Product weight (kg)	7kg (15lb)	9.18kg (20lb)
Shipping box Size & Weight (Assembled)	48 x 48 x 50 cm (19 x 19 x 19.7 in) 13.5kg (29.75lb)	55 x 58 x 55 cm (21.5 x 23 x 21.5 in) 16kg (35lb)
SOFTWARE & OPERATION		
Supported file types	.STL	.STL
3D software supplied (EasyPrint)	✓	✓
Operating system	Windows/Linux	Windows/Linux
Computer requirements	1.8 GHz with 1GB RAM	1.8 GHz with 1GB RAM
Recommended operating temperature	18-25° C (64-77° F)	18-25° C (64-77° F)
Electronics	gen6	gen6
SERVICE		
Online Skype support	1 month	1 month
Warranty	1 year	1 year
Certification	CE, ROHS	CE, ROHS
REQUIREMENTS		
Printing filament (3mm)	PLA	PLA
Printing filament (1.75mm)	X	X
Power Requirements (12V DC, 5 amps)	Not supplied	Not supplied
USB Cord (supplied)	✓	✓
UPGRADE OPTIONS AVAILABLE. SOLD SEPARATELY UNLESS SPECIFIED AS SUPPLIED.		
0.7 Quickprint nozzle (for 1.75mm PLA)	Suitable for 1.75mm diameter printing filament. Layer Height Range 100-700 microns; Wall Thickness Range 730-980 microns	
0.4 Fine Print Nozzle (for 3mm PLA)	Suitable for 3mm diameter printing filament. Layer Height Range 100-400 microns; Wall Thickness Range 420-560 microns	
0.4 Fine Print Nozzle (for 1.75mm PLA)	Suitable for 1.75mm diameter printing filament. Layer Height Range 100-400 microns; Wall Thickness Range 420-560 microns	
PLA Extruder (1.75mm)	Suitable for extruding 1.75mm diameter printing filament	
PLA Extruder (3mm)	Suitable for extruding 3mm diameter printing filament	
1kg PLA Spool Holder	Holds a 1kg spool of PLA	
2kg PLA Spool Holder	Holds two 1kg spools of PLA	
Heavy Duty Print Plate	Ideal for everyday professional use. Very sturdy.	
Kapton Tape	Used as a protective cover for print plate which requires routine replacement	
PLA	Range of colours available in 1kg spools (*colours may vary)	
DIY Tool Kit	All tools you need to build a DIY kit	
Essential Maintenance Kit	All tools you need to perform routine maintenance	
*We reserve the right to change or upgrade specifications without notice. Please note power units are not included. Some features are under development; however when finalized, your 3D printer will be able to accommodate this new technology. 100 Microns = 0.1 mm.		