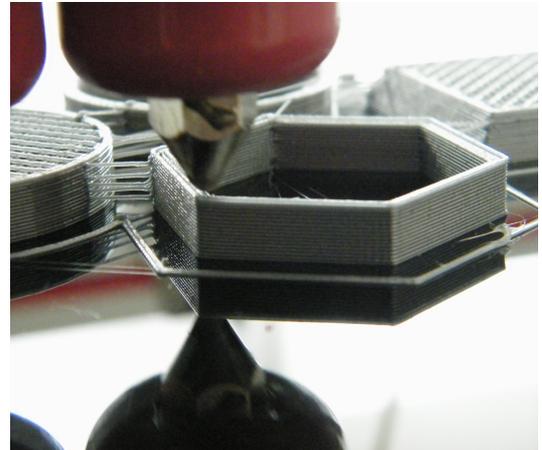


PROFESSIONAL COLOR PRINTING 3D
ULTIMATUM IS CREATING A PRODUCT INTO THE PERFECTION

Printer ProCoPrint3D / ME prints of basic materials such as PLA and ABS prints from other materials such as PET, NYLON, LayBrick, T-Glasse, HIPS, PVA, Wood, Poly Carbonate and others.

After minor upgrades can even print from flexible materials like FlexiPLA and NiniaFlex, which are very similar to rubber.



The printer also has a large working area
X/Y/Z - 45/40/55cm

Innovation in this field is also introduced modernization drive.

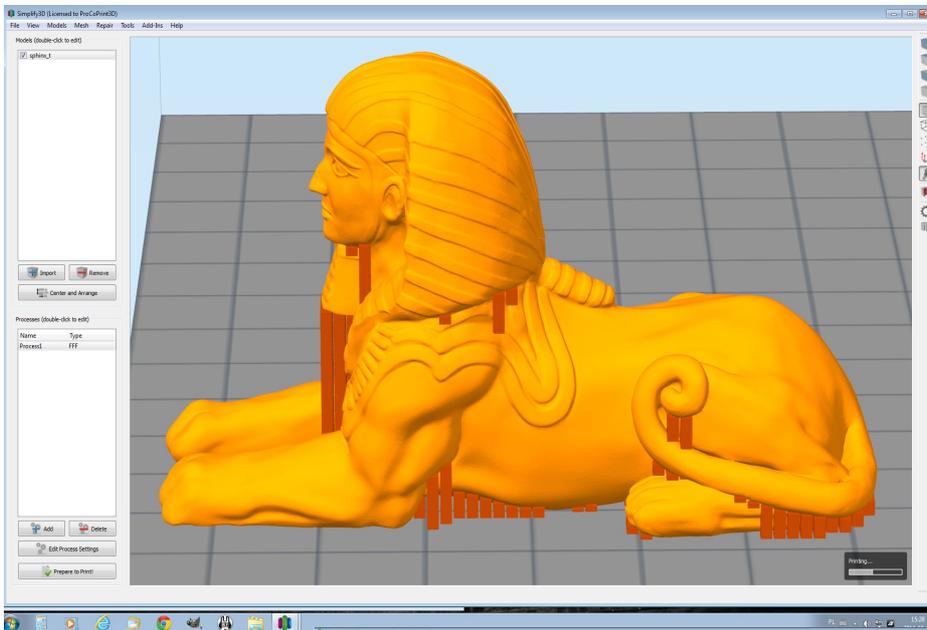
Used up eight of precision stepper motor with a resolution of 200 steps and 1/32 microstepping control which ensures precision prints.

Printers are equipped with two print heads for the material builds and supports or different colors. When upgrading the flexible material is one head positioned on an axis



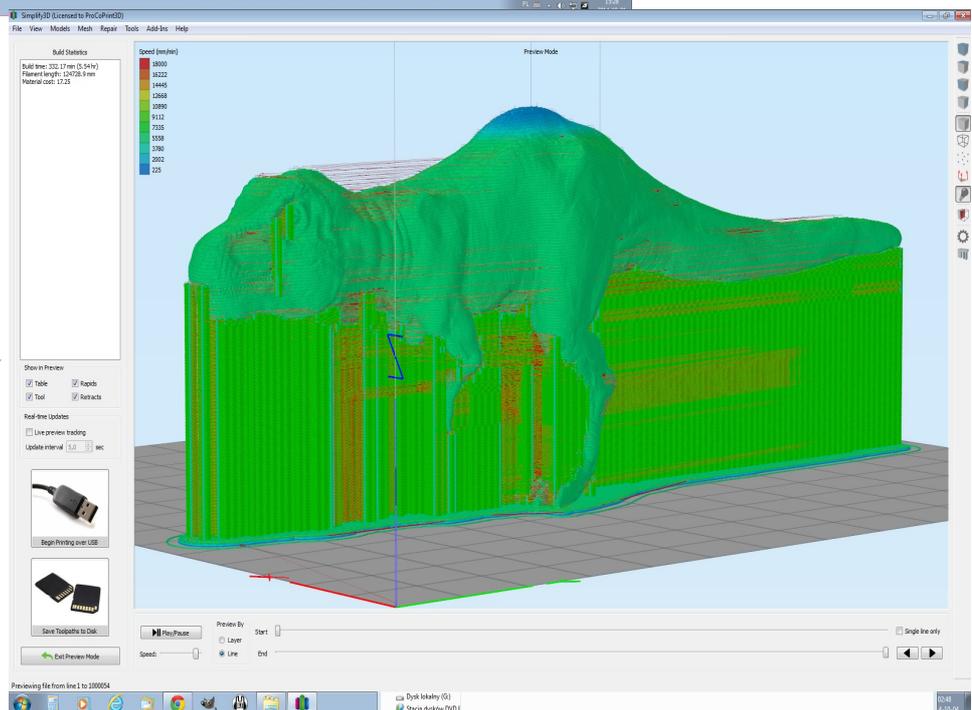
Control motors for the feed material are placed on the head of the printer structure, this provides less stress and the movement speed of the printheads X and Y axes.

Most parts of the printer is made of anodized aluminum, is laser cut and bent on CNC press brakes. This gives us lightness and stiffness of the construction.



For each model is accompanied by two special licensing printer control software.

Simplify3D software is one of the more advanced programs to support 3D printers and used in many models.



Differences between versions of ME, ME Pro and ME Pro XL

Technical Specifications	ProCoPrint3D/ME	ProCoPrint3D/ME Pro	ProCoPrint3D/ME Pro XL
Physical Dimensions	1000 x 700 x 700 mm	1000 x 700 x 700 mm	1300 x 1200 x 1200 mm
Build/Print Dimensions	400 x 450 x 550mm XYZ	400 x 450 x 550mm XYZ	600 x 600 x 550mm XYZ
Layer Height	15-450 micron	10-450 micron	15-450 micron
Position resolution	XY 6.25 micron, Z 5.62 micron	XY 1,25 micron, Z 5.62 micron	XY 1.25 micron, Z 5.62 micron
Print Speed	High Quality prints - 150mm/sec max 250mm/sec	High Quality prints - 150mm/sec max 350mm/sec	High Quality prints - 100mm/sec max 300mm/sec
Weight	47 kg	65kg	98 kg
Compatibility	Windows, Mac, or Linux	Windows, Mac, or Linux	Windows, Mac, or Linux
Connections	USB & SD Card	USB, SD Card & LAN WiFi	USB, SD Card & LAN WiFi
Materials supported	ABS, PLA, Nylon, Polycarbonate, Flexible Filament, LayWood, PVA, HDPE, T-Glasse	ABS, PLA, Nylon, Polycarbonate, Flexible Filament, LayWood, PVA, HDPE, T-Glasse	ABS, PLA, Nylon, Polycarbonate, Flexible Filament, LayWood, PVA, HDPE, T-Glasse
Hotend	All Metal Nozzle Size: 0.2-0.5 mm	All Metal Nozzle Size: 0.2-0.5 mm	All Metal Nozzle Size: 0.2-0.5 mm
Power Supply	2 x 12V 35A	2 x 12V 35A 1 x 24V 30A	2 x 12V 35A 2 x 24V 30A
Stepper Motors	x6 Nema 17's 6Kg/cm 0,9 x2 Nema 17's 7,5Kg/cm 0,9	x2 Nema 17's 6Kg/cm 0,9 x6 Nema 17's 7,5Kg/cm 0,9	x8 Nema 17's 7,5Kg/cm 0,9
Electronics	Rumba & Arduino MEGA 2560	UDOO Dual Mini PC Linux	UDOO Quad Mini PC Linux
LCD	Included Full mini	Included KIT LCD 7" - Touch	Included KIT LCD 15,6" Touch
SD Card	Included 4GB	Included 8GB	Included SATA 50 GB
Software	Simplify3D includet	Simplify3D includet + PC Soft	Simplify3D includet + PC Soft
Stepper Drivers	x8 DRV8825 1/32 Micro Stepping	x2 DRV8825 1/32 Micro Stepping x6 SSK-B08 1/2565 Micro Stepping	x6 SSK-B08 1/2565 Micro Stepping
Heated Bed	45 x 45 cm	45 x 45 cm	60 x 60 cm
Mechanical Components	Japanese 12mm rails IKO Rollers 16 mm with support Precision ball bearing screw 16/5mm	Japanese 12mm rails IKO Japanese 15mm rails IKO Precision ball bearing screw 16/5mm	Japanese 15mm rails IKO Japanese 15mm rails IKO Precision ball bearing screw 16/5mm
Net Price	5000 €	10000 €	18000 €

Warranty Terms: Standard two years on all mechanical and electronic components are not subject to wear.

All printer models are made upon receipt of the order and pay the invoice. The waiting period does not exceed a maximum of 4 months (usually the customer receives the printer a lot earlier) or it is a custom order and according to customer specifications.