



Roboze ARGO 350

Dimensions

| | |
|----------------|---|
| External | (X)1300x(Y)1150x(Z)2000 mm / 51.18x45.3x78.7 in |
| Build volume | (X)350x(Y)300x(Z)300 mm / 13.8x11.8x11.8 in |
| Shipping Box | (X)1460x(Y)1450x(Z)2100 mm / 57.5x57.5x82.7 in |
| Machine Weight | 1200 kg / 2650 lb |

Accuracy

| | |
|---------------------------------|--------------------------------|
| XY:10 μ m / 393.70 μ in | Z:25 μ m / 984.25 μ in |
|---------------------------------|--------------------------------|

Resolution

| | |
|-------------------------------------|-----------------------------------|
| Quality Profile:0.225 mm / 0.009 in | Speed Profile:0.300 mm / 0.012 in |
|-------------------------------------|-----------------------------------|

Electronics

Stepper Motors

Adaptive micro-stepping Drivers

7" Display touch screen

Power Absorbed: 9 kW Machine max + 1 kW per Dryer

Current consumption: 16 A max

Heating resistances:6 kW

Dryers:1 kW

Temperature sensors in the extruder and heated chamber

Heated chamber up to 180 °C / 356 °F

Electrical Supply:

- Europe: 14kVA / 400 V AC / 50 Hz

- America: 14kVA / 400 V AC / 60 Hz

Connector: IEC 60309, 32 A (3P+N +PE / 6H)*

*The American connectors are provided as needed, according to specific conditions

Materials

| | | |
|-------------------|------------------|--------------------|
| PEEK | CARBON PA | PP |
| CARBON PEEK | FLEX-TPU | PC-LEXAN™ AMHI240F |
| HELIOS™ PEEK 2005 | FUNCTIONAL-NYLON | ULTRA-PLA |
| ULTEM™ AM9085F | STRONG-ABS | ABS-ESD |

Extruder mechanics

High thermal efficiency extrusion block

Extrusion temperature up to 500 °C / 932 °F

Tip2-B - 0.4 mm and 0.6 mm/0.016 in and 0.024 in

Tip2-HA - 0.4 mm and 0.6 mm/0.016 in and 0.024 in

Tip3-HSA - 0.4 mm and 0.6 mm / 0.016 in and 0.024 in (HVP)

Compressed air cooling system

Automatic filament loading

General mechanics

High performance structure made of aluminium bars and steel cover

System with precision balls linear bars in ground steel

Mechatronic movement of X and Y axes with C5 hardened helical rack and pinion

Z movement with a system of precise C6 ball screw

Mobile components and aluminium supports from CNC mechanical precision machining

Vacuum system for the adhesion of the polymeric films

Build plate auto-leveling

Door lock security system

HT Dryer integrated with temperatures up to 120 °C / 248 °F with autoloading of the filament

Controlled chamber with forced ventilation

Auxiliary pneumatic system

Content

| | |
|--------------------------|----------------------------------|
| USB flash drive | Screwdriver |
| Thickness gauge | Blister of Multi-Purpose Grease |
| Safety goggles | Blister of HT Grease |
| Safety gloves | Buildplate seal |
| Metallic spatula | Nozzle brush |
| 3,0 mm (1/8") key wrench | Panel keys |
| Nipper | N. 2 caps for teflon tube (Tip2) |

Slicing software

Prometheus

Communications

USB output type B

WiFi & Ethernet connection



PRINT STRONG LIKE METAL

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