



**D3D**  
**DYNAMO3D**

dynamo3d.com

**ONE**  
**PRO**

### 3D PRINTER SPECIFICATIONS

PRINTING MATERIAL	PLA – ABS – NYLON – COPOLYESTER+CARBON NYLON+CARBON – COPOLYESTER PLA+ADDITIVE LIKE WOOD, BRONZE, COPPER
PRINT TECHNOLOGY	FDM
PRINTER WEIGHT	CA 20KG
PRINTER DIMENSIONS	360MM X 360MM X 690MM
SPOOL HOLDER DIMENSIONS	DIAMETER 200MM SPOOL = 1KG POSSIBILITY TO HOLD UP TO TWO SPOOLS
BUILD VOLUME	205MM X 205MM X 410MM
EXTRUSION TEMPERATURE	UP TO 280°C
BED TEMPERATURE	UP TO 120°C
LAYER THICKNESS / RESOLUTION	0.05MM/0.1MM

## ELECTRICAL SPECS

AC INPUT

230/110V

ENERGY USAGE

350W MAX

CONNECTIVITY

USB PC CABLE  
SD CARD

## SOFTWARE

FILE INPUT FORMAT

STL

PRINTER SOFTWARE

CURA / SIMPLIFY3D(BUY ON REQUEST)

WORKSTATION  
COMPATIBILITY

MICROSOFT WINDOWS VISTA / 7 / 8 / 10  
LINUX  
MAC

MINIMUM HARDWARE  
REQUIREMENTS

CPU: 1.5 GHZ  
RAM: 2 GB  
VIDEO CARD: DIRECTX 9 COMPATIBLE OR ABOVE  
FREE DISK SPACE: 500 MB

## BRIEF DESCRIPTION OF 3D PRINTER

THE NEW 3D PRINTER OF THE **ONE** FAMILY BRINGS NUMEROUS IMPROVEMENTS, INCLUDING THE POSSIBILITY OF USING **TWO NOZZLES**, A **NEW MATERIAL FEEDER**, MORE RAPID HEATED-BED LEVELING, WAITING TIMES DECREASED, **WIFI** (CONTROL THE PRINTER BY YOUR PC OR TABLET OR SMARTPHONE) AND THE GREAT OPPORTUNITY TO **PAUSE AND RESUME** THE JOB, CONVENIENT ALSO FOR THE FILAMENT EXCHANGE. WE'VE ALSO IMPROVED THE QUALITY WHILE MAINTAINING A LARGE PRINT AREA. ALL DEVELOPMENT WAS MADE POSSIBLE THANKS TO THE R&D'S COOPERATION WITH **GH ENTERPRISE SRL**, AN ELECTRONICS SKILLED ITALIAN COMPANY.

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CHASSIS METHALCRYLATE IMPACT RESISTANT/ALUMINIUM ACCESSORY  
ALL ALUMINIUM PARTS ARE IN CNC AND BLACK ANODIZED

PRINT SPEED UP TO 450 MM/S  
TRAVEL SPEED UP TO 9000 MM/S  
ACCELERATION UP TO 10000 MM/S<sup>2</sup>

"ST MICROELECTRONICS" BOARD CHIP STM32F4 ARM COREX M4 (32 MICROSTEPPERS REAL TIME MOTION CONTROL)  
LCD TOUCH SCREEN 3.5(480X320)  
WIFI REMOTE CONTROL  
PAUSE AND RESUME PRINTING  
INNOVATIVE LEVEL BED WITH TOUCH SCREEN

NOZZLE DIAMETER 0.4 MM  
2 NOZZLE READY  
FILAMENT DIAMETER 2.85MM  
BONDTECH FEEDER  
SD CARD READER  
USB SLOT  
LEDS FOR MAXIMUM VISIBILITY

SOFTWARE (NOT INCLUDED) CURA/SIMPLIFY3D/CRAFTWARE/AND MORE

MADE IN ITALY