



3DLPrinter-HD 2.0+

Main characteristics that differs 3DLPrinter-HD 2.0+ from other 3D printers:

- ✓ **Prismatic guides** with **double ball bearing** (*there are only on professional machines*).
- ✓ **Z axis** with **ball screw** (*there are only on professional machines*).
- ✓ Supporting **structure in steel** powder coated in matte black.
- ✓ Support of the tray with **contemporary movement of shifting – tilting** (*this feature is “only” on 3DLPrinter-series*).
- ✓ **Construction base** made with **19 mm crystal thick**, to allow viewing of the printing layers.
- ✓ **Construction base** easy accessible for **easy removal / cleaning**.
- ✓ Coverage – **protection in PMMA** on ball bearings, with locking (*there are only on professional machines*).
- ✓ Work plan on **porcelain stoneware**.
- ✓ **Zeroing facility** present in the printer program.
- ✓ **Vat** of resin with **planarity adjustment**.
- ✓ Base of the vat in **Siligel** to allow quick replacement (*this function is “only” on 3DLPrinter series*).
- ✓ **Proprietary electronic control board** (*No open source*).
- ✓ **Shutter** with **DC motor** with **encoder** (*there are only on professional machines*).
- ✓ **Proprietary** management and printing **software** (*No open source*).
- ✓ **Management** of the **printing steps** by program (setup).
- ✓ 3 (**three**) years of **warranty**.
- ✓ Declaration of **EC conformity**.

3DLPrinter-HD 2.0+ are supplied with this standard equipment:

- ❖ Management and printing **Software** Printer3DLP.
- ❖ User **Manual**.
- ❖ **Ultrasonic device** for parts cleaning.
- ❖ Professional **UV oven** for part surface hardening.
- ❖ **Special pliers** in plastic for manipulating objects.
- ❖ **Plastic spreader** for cleaning the vat.
- ❖ Pack of **moistened napkins** for lens cleaning.
- ❖ Pack of **disposable gloves** for part handling.
- ❖ Polypropylene **tray for tools** cleaning.
- ❖ **Metallic palette** for resin mixing.
- ❖ **Metal spatula** to detach the piece from the construction base.
- ❖ Hex **service key** of 2,5 mm.
- ❖ Pack of **paper sheets** useful for initial zeroing.
- ❖ **Bubble level** tool for tray leveling.
- ❖ 300 g **Resin**.
- ❖ Package containing two **Siligel** and **one** replacing glass for base of vat.
- ❖ **Roller** for applying Siligel.

Robot Factory S.r.l. - Via Caltana, 59 - 30035 Mirano VE

Tel - Fax:+39(0)415770270 Mobile:+393387159853 - P.IVA: 03654900277

www.robotfactory.it - robot@robotfactory.it