



BANCO VILLA

Metalli Preziosi Milano

GALAXY 6 PLUS

Galaxy 6 PLUS is a professional mid-format 3D printer designed for jewelers and goldsmiths, where speed, precision, and reliability are essential.

Its **monochrome LCD technology** and **electronically controlled resin-temperature system** deliver consistent performance and high-quality results.

The active heat-management system keeps the printing environment stable throughout the entire process, ensuring uninterrupted productivity.

Easy to use and ready straight out of the box with no configuration required, the Galaxy 6 PLUS also stands out for its exceptionally **quiet operation**, achieved through a low-speed electronic cooling fan.

Its dynamic printing profiles automatically optimize parameters to ensure maximum precision. Galaxy 6 PLUS features a **4K printing display** with a **resolution of just 20 microns**, delivering outstanding accuracy and consistently high-quality results.



Open System



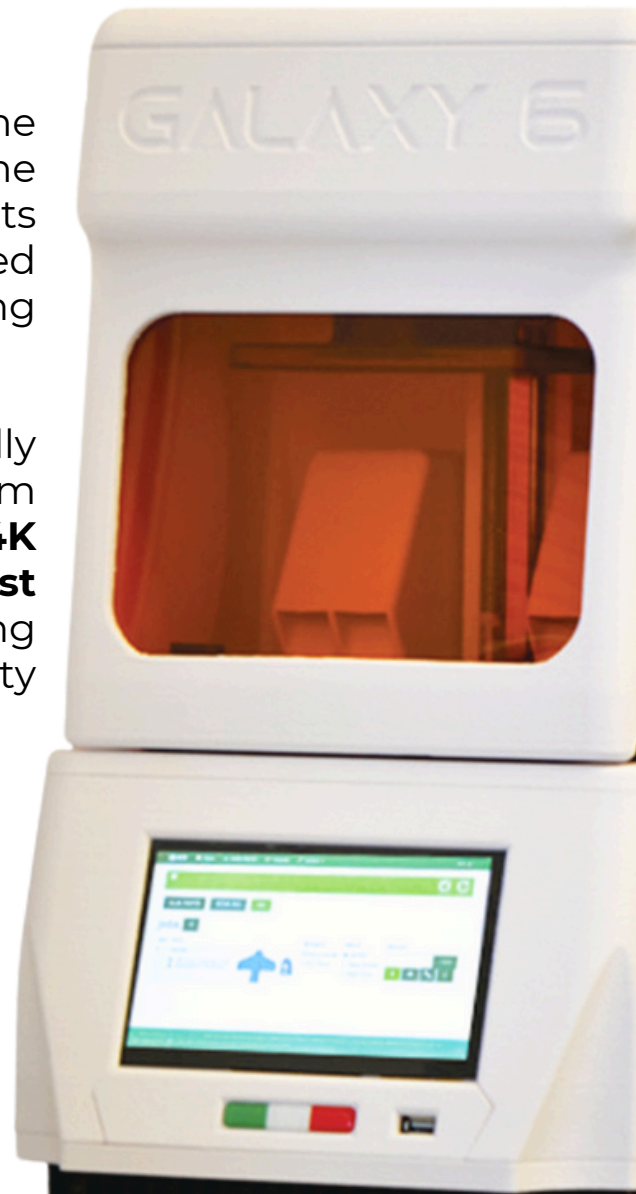
Over 30 pre-profiled resins



Smart heat management



Fully sustainable



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DYNAMIC PROFILE:

The 3D printer continuously monitors its operating conditions and automatically adjusts the printing profile to ensure consistent performance.



OPEN PRINTER:

The printer is considered “open,” meaning it supports any STL file and any resin, with no restrictions tied to proprietary software or materials.



CONTROL SYSTEM:

An intelligent system that adjusts the temperature according to the resin, automatically heating or cooling it to keep it within its optimal range at all times.



REMOTE SUPPORT:

With its integrated PC and Internet connectivity, the printer allows technicians to access it remotely for diagnostics, updates, and immediate interventions.

GALAXY 6 PLUS

Size and weight	29x27x52cm - 7,5Kg
Technology	MSLA LED-LCD
LCD size	6.6", 4K, monochrome
LCD resolution	4098x2560 4K MONO (open cell)
Print volume	143x89 (H160) mm
Pixel size	20x20um
Detachment method	ULTRA-FEP
Temperature controls	Resin and volume at controlled temperature
Software	Sprent 3D and chitubox
Interface	Display touch 7" web based
Drive	Microstepper 1,2 micron
Z axis	HIWIN Linear bearing
UV source	MONO LED, double parallel correction lens
Wave length	385 or 405 nm
Connections	USB and Ethernet
Biocompatible resins	Open system compatible with all 405nm resins
Cooling down	SUPER SILENT technologies
Slicing/slicer method	Integrated into the printer
Internal memory	64 GB (Opt. 512 GB)

Note

UPGRADES Galaxy 6.2:
More powerful internal computer with enhanced wifi
Poliboard V2 with active electronic LED management
New aluminium printing plate milled from solid material with anodised surface.

RESINS



Banco Villa resins are professional-grade materials for **3D printing**, developed with advanced technologies and specifically engineered to meet the needs of jewelry production and high-precision modeling.

Their carefully refined formulation ensures **high definition** and **exceptionally faithful reproduction** of even the finest details.

The **castable versions** also stand out for their **clean, controlled burnout**, ensuring an optimal, residue-free combustion process that makes them ideal for professional lost-wax casting.

These qualities make Banco Villa resins a reliable choice for artisans, designers, and workshops seeking consistent quality, precision, and flawless results at every stage of production.

