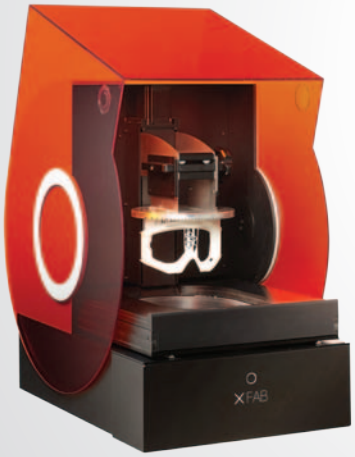
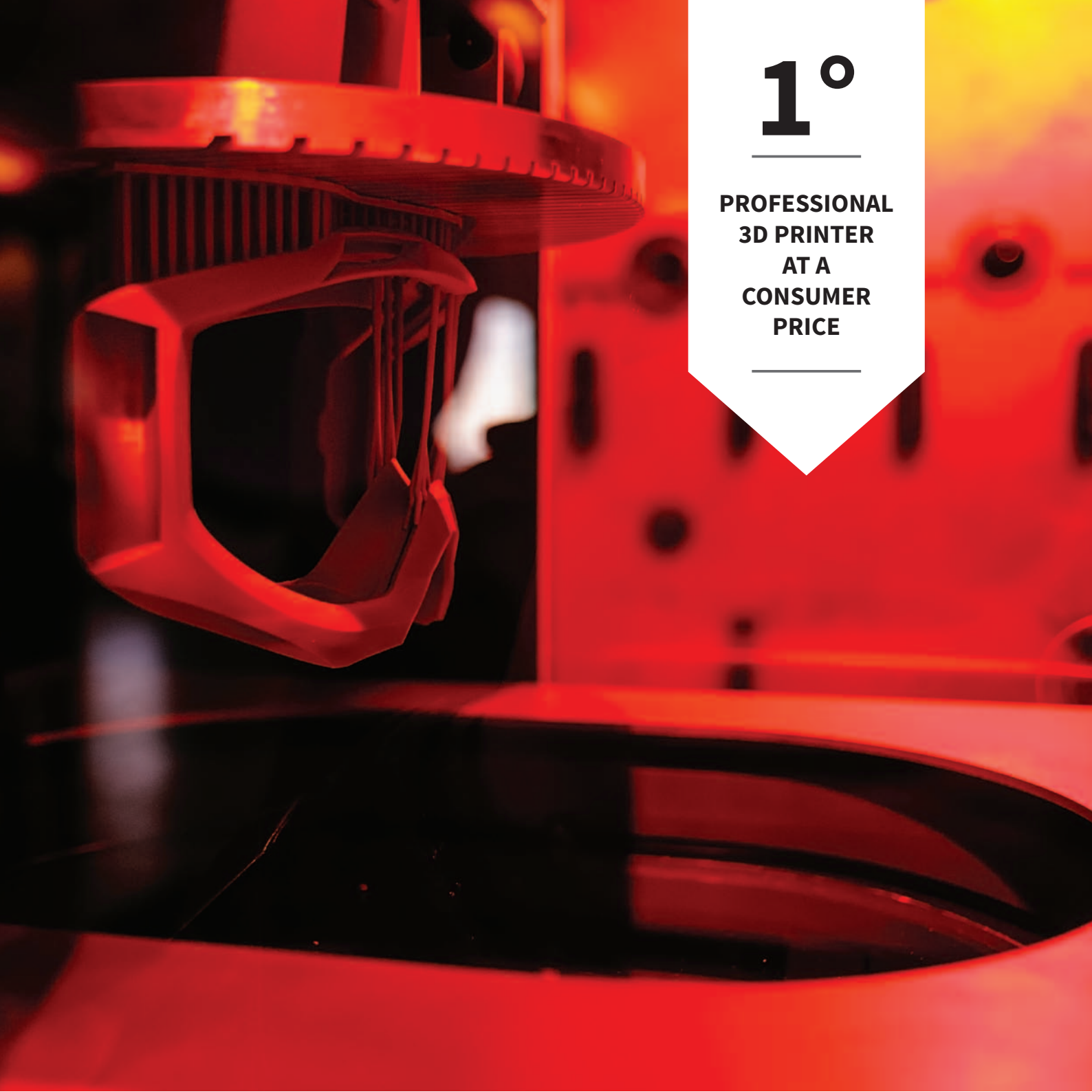
UNLEASH THE INVENTOR IN ALL OF US.



XFAB®

DWS LAB®

3D SOLUTIONS
19 bis avenue Duguay Trouin
78960 Voisins Le Bretonneu
Tel: +33 (0)1 30 60 03 33
Email : info@3dsolutions.fr
www.3dsolutions.fr



1°

PROFESSIONAL 3D PRINTER AT A CONSUMER PRICE

TECHNOLOGY

XFAB® uses the same technology of professional DWS printers.

Cylindrical working area: **80% more building volume** than conventional 3D printers.

High resolution like professional 3D printers: **minimum feature size of 250 microns**.

High resolution on the Z axis: **10 microns layer thickness**.

Compact design for a desktop use.

RELIABILITY

Patented TTT system, Tank Translation System.
The technology increases cartridge life and allows large model building.

Patented temperature material control.

BlueEdge® laser, no calibrations, no maintenance.

SIMPLICITY

USB plug and play printer.

Patented grooved building platform with easy removal tools.

SOFTWARE

Proprietary 3D editing software NAUTA® XFAB® edition.

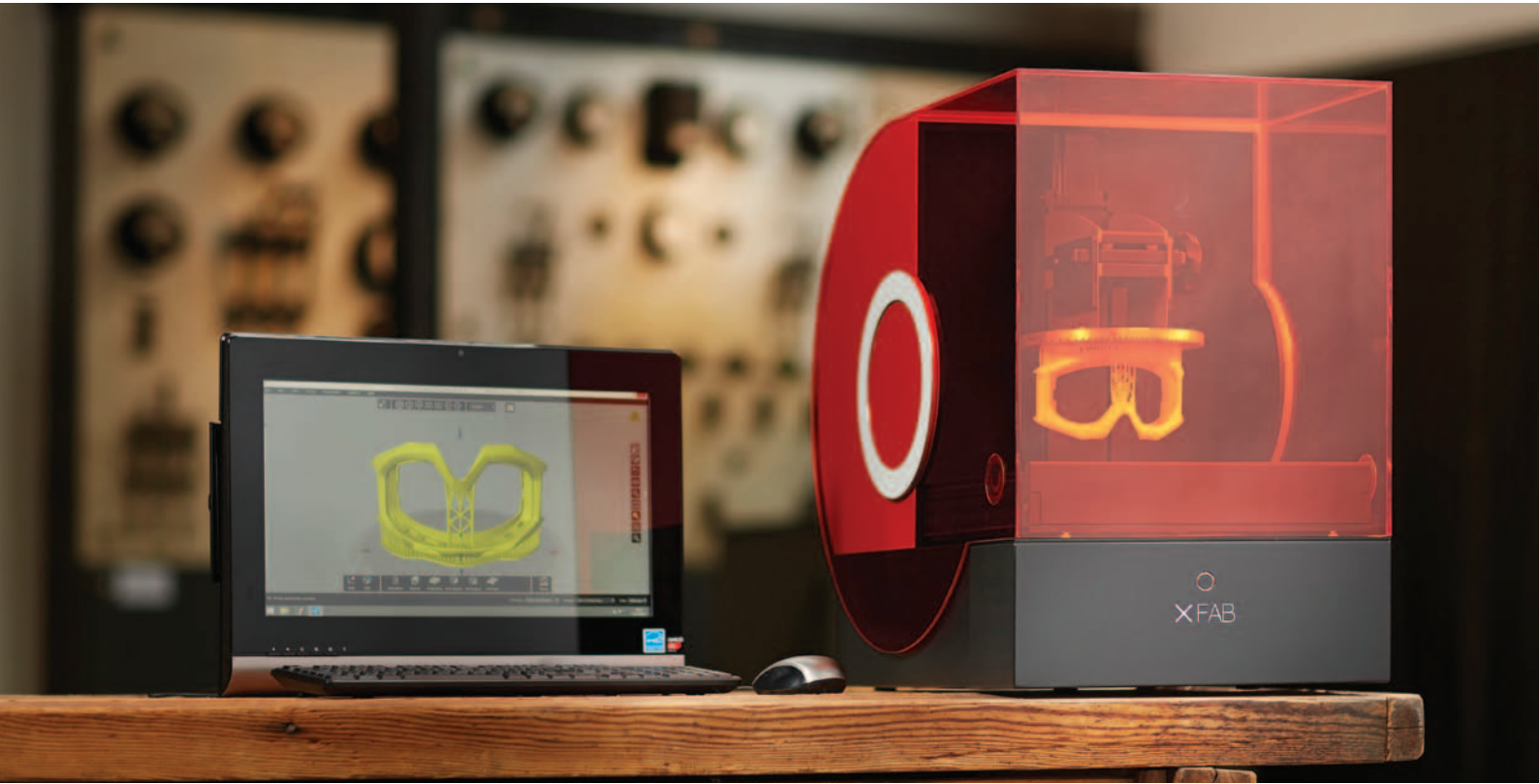
Automatic support generation.

Parametric technology.

Instant support removal, no risk of damaging the models.

Wide range of supported 3D formats.

Machine controller.



XFAB®

TECHNICAL SPECIFICATIONS XFAB®

3D printing method	**Laser stereolithography**
Working area	**Ø 180x180 mm**
Laser source	**Solid State BlueEdge® BE-1300X**
Slice thickness	**10-100 microns**
Minimum feature size	**250 microns**
Scanning method	**Galvanometer**
Software	**Fictor® XFAB® edition, Nauta® XFAB® edition**
Input file format	**.stl, .slc, .nauta, .fictor, .mkr, .3dm, .3ds, .ply, .obj, .lwo, .x**
Machine size	**400x606x642 mm**
Operating temperature and humidity	**20°-25°C / 60%**
Power supply	**24V DC with AC 240/100V / 50-60 Hz external supplier included**

MINIMUM REQUIREMENTS FOR PERSONAL COMPUTER

Operating system	**Windows7 or above**
Memory	**2 Gbyte**
Graphics card	**compatible with OpenGL**
I/O Interfaces	**1 USB port**
Connectivity	**1 active internet connection**
Recommended configuration	**Dual core processor or above, memory 4 GB**

MATERIALS

Our patented technology can turn a much wider variety of materials into solid: acrylate resin, ABS-like, polypropylene-like, rigid opaque, transparent, rubber-like, nanoceramic and wax-like for casting investments.

Quick material change: intelligent cartridges, no leakages, no need of handling liquids.

	Invicta™ 917	**ABS-like, anthracite gray colour.** High impact resistant, functional prototypes, casings, snap-fit parts and assembly applications.
	Invicta™ 915	**ABS-like, white colour.** High impact resistant, functional prototypes, casings, snap-fit parts and assembly applications.
	Invicta™ 977	**Polypropylene-like.** Flexible, for snap-fit prototypes of mechanical components, lab equipment, appliance parts and casings.
	Precisa™ 779	**Rigid opaque, gray colour.** For prototypes, toys, high detailed models, marketing samples and patterns for silicon molds.
	Vitra™ 413	**Standard acrylic, amber colour.** General applications.
	Vitra™ 429	**Transparent.** For clear prototypes, liquid flow visualization, lighting, equipments.
	Therma™ 289	**Nanoceramic, light green colour.** For thermal resistance tests and high definition models for vulcanized rubber molds.
	Flexa™ 692	**Rubber-like, black colour.** For prototypes of handles, gaskets, ergonomic tests, functional parts, footwear, wearable devices.
	Flexa™ 693	**Rubber-like, transparent.** For prototypes of functional parts, gaskets, wearable accessories and prototype molds.
	Vesta™ 443	**Wax-like.** For lost wax casting applications.

WHY XFAB®?

1 AFFORDABLE PRICE

2 PROFESSIONAL QUALITY

3 10 INTERCHANGEABLE MATERIALS

ASK FOR INFORMATION
AND BOOK YOUR XFAB®!

DWS LAB®

Via Lago di Levico, 3 - 36010 Zanè (VI) Italy
Ph. +39 0445 372323 // info@dwslab.com

dwslab.com

MADE IN ITALY