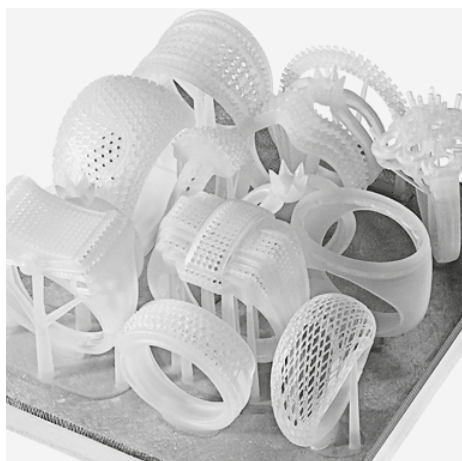




PREVIEW 2018

WELCOME TO
DIGITAL JEWELLERY.

The new digital paradigm for the jewellery.



ENTER THE DIGITAL AGE

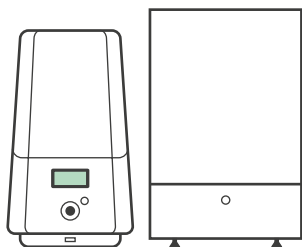
3D printing is changing the way to produce, becoming a process which enables companies to transform and tweak product models much more easily and cost-effectively than by using traditional manufacturing methods.

DWS develops and produces the technology, materials and software giving a new experience to professionals during the production of jewellery models. DWS aims to reduce development times of the production ensuring the best quality in terms of precision and resolution.



PROFESSIONAL MATERIALS FOR JEWELLERY AND FASHION ACCESSORIES

The materials are designed, developed, and produced in-house by DWS, to guarantee the quality of the finished product and easy direct casting.



3D printers for a new paradigm in jewellery.

XFAB series

1000 / 2000

2500SD / 2500HD

Specific Applications

XFAB 1000: fine detailed direct casting and rubber moulding models.

XFAB 2000 / 2500SD: solid design models for direct casting and rubber moulding.

XFAB 2500HD: solid design and filigree models for direct casting and rubber moulding.

XFAB 1000 is a desktop 3D printer delivering remarkable results for direct casting applications and rubber moulding. Thanks to an intuitive interface and an easy to use control panel, XFAB 1000 finds its place in small companies which manage low volume batches.

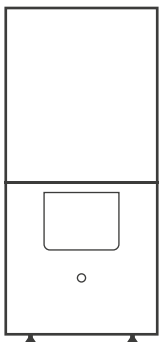
XFAB 2000 is a desktop 3D printer equipped with the same technology used in DWS' professional ones, included TTT System and laser BluEdge®. Using Nauta XFAB Edition software, the user can quickly create and optimise the support structure according to the requirements.

XFAB 2500SD and **XFAB 2500HD** are provided with the professional version of Nauta software and the manual settings for customized parameters of DWS materials, a perfect multipurpose tool for professional applications. The 2500HD model has also an higher resolution.

Model	Technology	User	Building Envelope	Speed	Available Materials**	Printer Dimension	Layer Thickness
XFAB 1000	DLP	Small goldsmiths and designers	64 x 40 x 120 mm	Good	3 materials for direct casting and rubber moulding + 1 material for dental	290 x 350 x 424 mm	25-50-100 µ
XFAB 2000	SLA	Small goldsmiths and designers	ø 180 x 180 mm	Better	4 materials for direct casting and rubber moulding + 8 materials for manufacturing, design and dental	400 x 606 x 642 mm	10-100 µ*
XFAB 2500SD	SLA	Small goldsmiths and designers	ø 180 x 180 mm	Better	4 materials for direct casting and rubber moulding + 8 materials for manufacturing, design and dental	400 x 606 x 642 mm	10-100 µ*
XFAB 2500HD	SLA	Small and medium size goldsmiths and designers	ø 180 x 180 mm	Better	7 materials for direct casting, rubber moulding and HD applications + 8 materials for manufacturing, design and dental	400 x 606 x 642 mm	10-100 µ*

* 10-100 µ is the mechanical resolution, the value depends on the material used. Consult www.dwssystems.com for the updated information on the slicing value.

**Full list of materials available on www.dwssystems.com (some materials might not be available for the product launch).



High precision for high productivity.

XFAB series **3500SD / 3500HD**

Specific Applications

XFAB 3500SD: solid design and filigree models for direct casting and rubber moulding.
XFAB 3500HD: solid design, fine detailed and filigree models for direct casting and rubber moulding, direct printing of jewels.

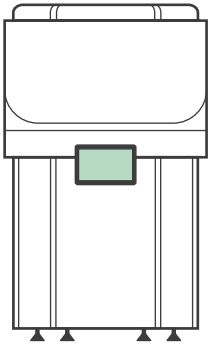
XFAB 3500SD sports a high resolution and a significative building envelope. It delivers outstanding models in jewellery and fashion accessories.

XFAB 3500HD is able to reach a quality close to the top range printers, with a precision/productivity ratio very convenient for demanding jewel manufacturers. The range of DWS materials in this application is fully exploitable by 3500 HD high-end printer.

Model	Technology	User	Building Envelope	Speed	Available Materials**	Printer Dimension	Layer Thickness
XFAB 3500SD	SLA	Medium size goldsmiths	140 x 140 x 180 mm (with automatic zero setting)	Best	Selected materials for jewellery applications and manufacturing	400 x 606 x 742 mm	10-100 µ*
XFAB 3500HD	SLA	Medium size goldsmiths demanding a premium quality	140 x 140 x 180 mm (with automatic zero setting)	Best	Selected professional materials for jewellery applications and manufacturing	400 x 606 x 742 mm	10-100 µ*

* 10-100 µ is the mechanical resolution, the value depends on the material used. Consult www.dwssystems.com for the updated information on the slicing value.

**Full list of materials available on www.dwssystems.com (some materials might not be available for the product launch).



XCELL[®]

A new experience in the production of jewels.

XCELL series **6000SD / 6000HD**

Specific Applications

6000SD: Standard design,
solid and detailed design
models.

6000HD: Solid design,
filigree, fine detailed models.

The new **XCELL** 3D printer is a groundbreaking concept: the first ever built-in work cell, all in one solution from the 3D file to the ready to use parts. Three drivers are the core engine of XCELL: the well known printing quality of DWS, the outstanding speed to reach the finished part, the revolutionary simplification of all the process. XCELL gives a new experience in 3D printing: once the file is imported no other operations are required to obtain the printed object which comes out already washed and UV cured without any other intervention.

XCELL uses **XPOD**, a new concept of smart cartridge with advanced material management. The user inserts XPOD inside the printer, and when the job is completed, the material not used returns automatically inside the cartridge before the extraction. XPOD is a clean and ready to use solution, speeds up the whole process, saving time for other activities.

Model	Technology	User	Building Envelope	Speed	Available Materials**	Printer Dimension	Layer Thickness
XCELL 6000SD	SLA	Medium and large size goldsmiths and companies	200 x 150 x 200 mm	Best	Full professional range of materials for jewellery applications and manufacturing	ø 900 x 1400 mm	10-100 µ*
XCELL 6000HD	SLA	Medium and large size goldsmiths and companies demanding a premium quality	200 x 150 x 200 mm	Better	Full professional range of materials for jewellery applications and manufacturing	ø 900 x 1400 mm	10-100 µ*

* 10-100 µ is the mechanical resolution, the value depends on the material used. Consult www.dwssystems.com for the updated information on the slicing value.

**Full list of materials available on [dwssystems.com](http://www.dwssystems.com) (some materials might not be available for the product launch).

**DWS srl**

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MADE IN ITALY

DWS was established in Vicenza (Italy) in 2007 from lengthy consolidated experience in creating systems for 3D printing, development of software and material for use. The company develops hi-tech solutions for prototyping and for fast production, ultimately aimed at reducing new product development times and consequently decreasing the time to market.

DWS's goal is to innovate processes to help companies, offices and laboratories enter the digital world and be competitive on the market.

www.dwssystems.com