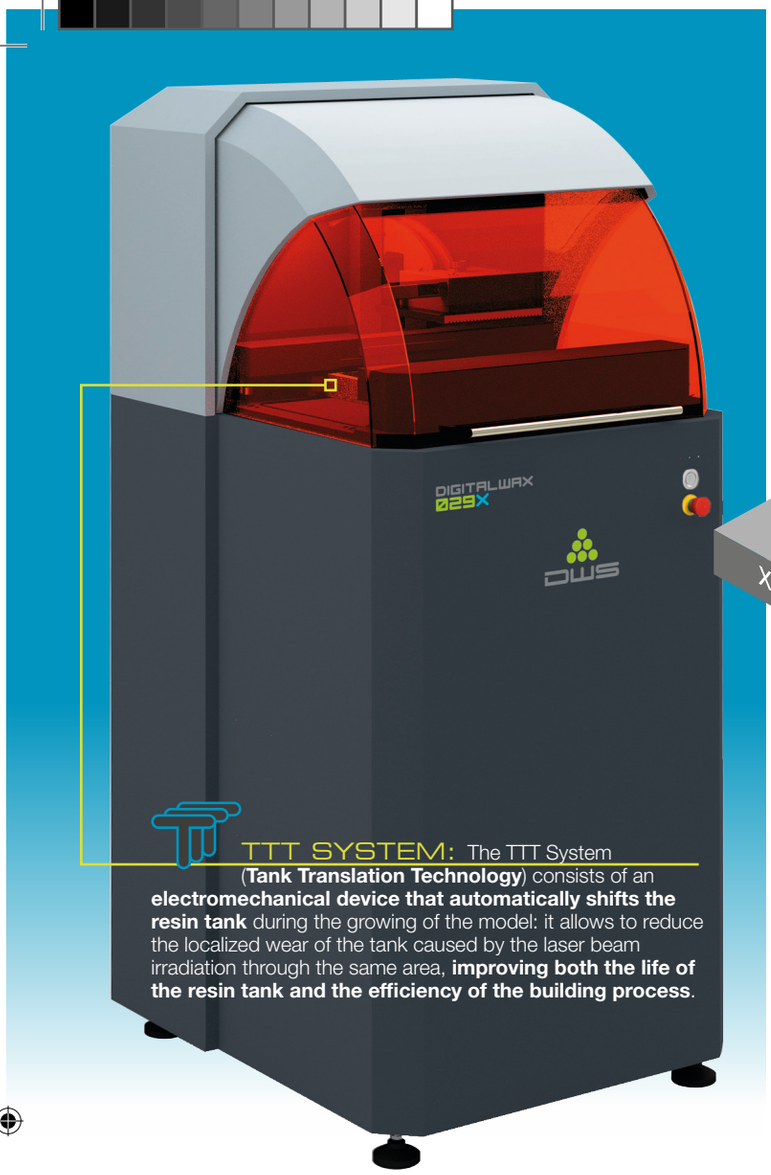
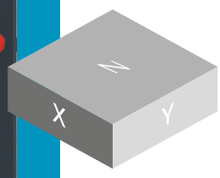


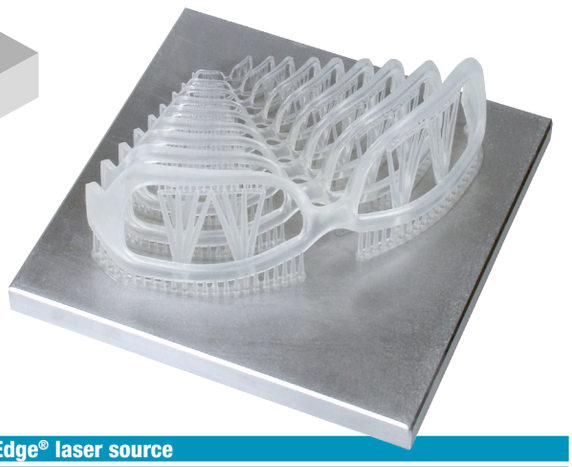
DIGITALWAX® 029X

High-speed system

High productivity rapid manufacturing solution

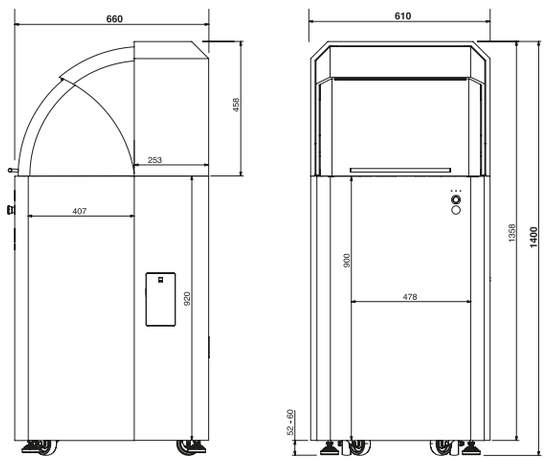
Working area (x, y, z): **150x150x200** mm





TTT SYSTEM: The TTT System (**Tank Translation Technology**) consists of an **electromechanical device that automatically shifts the resin tank** during the growing of the model: it allows to reduce the localized wear of the tank caused by the laser beam irradiation through the same area, **improving both the life of the resin tank and the efficiency of the building process**.

- **BluEdge® laser source**
- **TTT - Tank Translation Technology**
- **High speed and accuracy**
- **High surface quality**
- **Extra-long life UV laser**
- **No lamp replacement**
- **No calibration**
- **Lowest running cost**



DigitalWax 029X rapid manufacturing system has been specifically developed for high quality rapid manufacturing applications.

High accuracy, large size capacity and the lowest running cost in the market are the main features of this innovative system.
Fully compatible with the majority of 3D CAD/CAM systems, DigitalWax 029X is the perfect solution either for rapid prototyping and rapid manufacturing of complex parts, delivering the highest level of accuracy and surface quality.
A quick 3D printout with high surface quality can be very helpful during the concept design phase: the DM210 ceramic nano-filled resin enables a designer to visually inspect the design for form, fit, and function.
The new DL350 polypropylene-like resin has been specifically developed by DWS for flexible, fully functional prototypes.
DigitalWax 029X allows the production of lost wax casting products as well by a simple and quick material change.

Standard accessories supplied with DigitalWax 029X:

- No. 1 Building platform mm 160x160 (working area: mm 150x150)
- No. 1 Resin tank mod. RT500
- No. 1 Set of handling tools
- No. 1 Personal Computer with 19" LCD monitor
- No. 1 UPS 650VA 230V 50/60 Hz
- No. 1 DigitalWax 029X Controller Software License
- No. 1 DigitalWax 029X Software Suite
- No. 1 User manual

Technical data:

Laser source: Solid State BluEdge®	BE-1800C
Working area (x, y, z):	150 x 150 x 200 mm
Slice thickness*:	0,01 – 0,10 mm
Laser scanning speed:	5000 mm/sec
Scanning method:	Galvanometer
Software:	DigitalWax 029X Controller
OS:	Windows 7
Input file format:	.stl - .slc
Machine size:	610x660x1400 mm
Weight:	150 Kg
Operating Temperature and Humidity:	22°- 25°C / 60%
Electrical consumption:	500 W
Power supply:	AC 230/115 V / 50-60 Hz

Technical specifications subject to changes without notice.

*it depends on the kind of photo-curable resin used.

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