

## 3D Printing

Learn more:



### Asiga MAX™

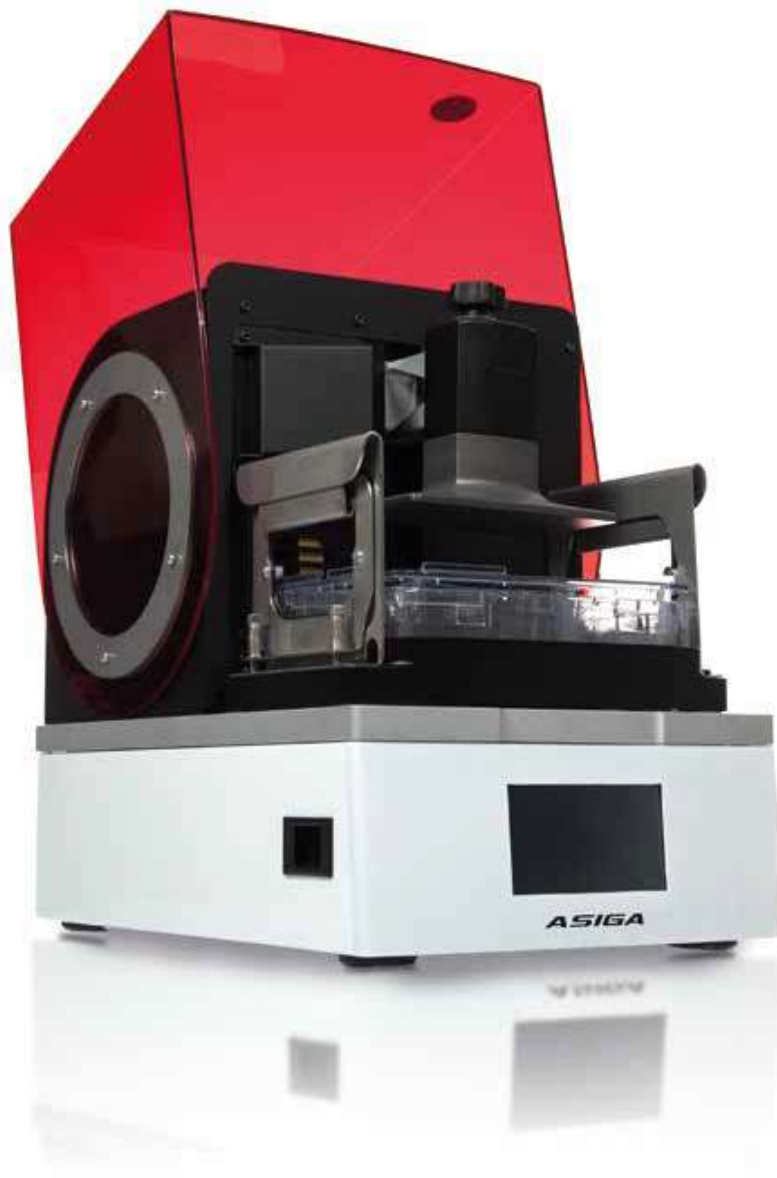
With DLP technology and maximum ease of use, the Asiga MAX™ printer allows for fast, precise and efficient operation. The built-in LCD panel with touch function displays the information on the current construction process and allows interactive control of the printer. The light sensor provides consistent projector performance and uniform resin curing, the smart positioning system (SPS™) ensures precise printing results. Print jobs can be stored in a queue, started from the control panel and transmitted via Ethernet or WiFi. The printer can also operate as a wireless hot spot.

#### Technical data

Dimensions (W x D x H): 260 x 380 x 370 mm  
Build volume (X, Y, Z): 119 x 67 x 75 mm  
Consistent data formats: STL, SLC, STM  
Image technology: DLP  
Pixel size: 62 µm  
Light source: UV LED projector with HD chip  
Wavelength: 385 nm  
Voltage source: 100 - 240 V, 50/60 Hz  
Power: 500 W

 Asiga MAX™

**6501.1**  
1 piece



## Entry-level printer with LCD technology

### Asiga MAX™ LCD

The Asiga MAX™ LCD combines the ease-of-operation of the Asiga MAX™ with proven and economic LCD technology. The pixel matrix used for this printer is the LCD display with LED backlight. This technology is cost-effective, yet precise and reliable, turning the printer into an attractive entry-level printer.

#### Technical data

Dimensions (W x D x H): 260 x 380 x 370 mm

Build volume (X, Y, Z): 121 x 68 x 76 mm

Consistent data formats: STL, SLC, STM

Image technology: LCD

Pixel size: 47 µm

Light source: LED

Wavelength: 405 nm

// Asiga MAX™ LCD

**6530.1**  
1 piece



### Asiga MAX™ Tray

The tray system of the Asiga MAX™ allows for easy changing and refilling of materials. Four trays with maximum print capacity of 1l, 2l, 5l or 10l and a maximum fill level of 300 to 400 ml per application are available. Equipped with RFID chip for recording the object volume generated during the print job. It is not possible to use the tray exceeding the maximum print volume.

// 2l

**6515.1**  
1 piece

// 1l

**6516.1**  
1 piece

// 5l

**6517.1**  
1 piece

// 10l

**6518.1**  
1 piece



New

## Asiga PRO HD

The Asiga PRO HD is a large format floor-standing 3D printer which combines proven industry-leading precision and a large build envelope with high-speed print capability for high printing volumes. It is equipped with 385 nm DLP technology and a high power UV LED light source, featuring CNC machined calibration assembly, SPST™ Smart-Positioning-System technology and process monitoring technologies for repeatable precision and accurate layer formation. Various ease-of-operation features like Asiga Composer software, touch screen display, simple user interface, Wifi and remote control via web interface are included as well.

Asiga PRO HD is available in three versions that differ in pixel resolution (65, 80 or 100 µm) and thus build volume.

### Technical data

Image technology: DLP

Light source: high power UV LED projector with HD chip

Wavelength: 385 nm

Pixel size: 65, 80 or 100 µm

Build volume (X, Y, Z): 125 x 70 x 200 mm (Asiga PRO HD65) /  
153.6 x 86.4 x 200 mm (Asiga PRO HD80) /  
192 x 108 x 200 mm (Asiga PRO HD100)

Layer thickness: 10-150 (continuous adjustment with accuracy of 1 µm)

File input: STL, SLC, STM

Voltage source: 100 - 240 V, 50/60 Hz

Power: 500 W

Dimensions (D x W x H): 420 x 465 x 1370 mm

Weight: 75 kg

// Asiga PRO HD65	6535.1 1 piece
// Asiga PRO HD80	6536.1 1 piece
// Asiga PRO HD100	6537.1 1 piece



**New**

## Asiga PRO 4K

Asiga PRO 4K is a floor-standing 3D printer utilizing the latest DLP imaging technology and combining precision, reliability and speed for high print volumes in the most demanding production applications. Compared to Asiga PRO HD, this model is equipped with a 4K projector, allowing even larger build volumes at the same pixel resolution. Besides the proven SPST™ Smart Positioning System and various technologies for process monitoring, Asiga PRO 4K offers familiar ease-of-operation features like Asiga Composer software, touchscreen display, simple user interface, WiFi and remote control via web interface.

Asiga PRO 4K is available in two versions that differ in pixel resolution (65 or 80  $\mu\text{m}$ ) and thus build volume.

### Technical data

Image technology: DLP

Light source: high power UV LED projector with 4K chip

Wavelength: 385 nm

Pixel size: 65 or 80  $\mu\text{m}$

Build volume (X, Y, Z): 176 x 99 x 200 mm (Asiga PRO 4K65) /  
217 x 122 x 200 mm (Asiga PRO 4K80)

Layer thickness: 10-150 (continuous adjustment with accuracy of 1  $\mu\text{m}$ )

File input: STL, SLC, STM

Voltage source: 100 - 240 V, 50/60 Hz

Power: 500 W

Dimensions (D x W x H): 420 x 465 x 1370 mm

Weight: 75 kg

/// Asiga PRO 4K65

6538.1  
1 piece

/// Asiga PRO 4K80

6539.1  
1 piece



CAO / CAM

**New**

## IMPRIMO® Clean

Cleaning unit for gentle cleaning of 3D printed objects. The IMPRIMO® Clean creates a circular flow in the cleaning solution to minimize the risk of micro-cracks in the part surface, thus increasing its quality. Different cleaning programs allow for precise matching with the selected material class and choice of the cleaning agent. The easy removable insert enables quick and clean replacement of the cleaning solution. The cleaning unit will be able to communicate with an app via a wireless network, to allow for complete documentation of the cleaning process.

### Technical data

Voltage: 100-230 V

Dimensions: 404 x 404 x 240 mm

Cleaning chamber: 140 x 140 x 100 mm (3,5 l capacity)

Software: Linux OS

Network compatibility: Wifi, Ethernet

Touch panel: 7"

// IMPRIMO® Clean

6534.1  
1 piece



## High cleaning power

### IMPRIMO® Cleaning Liquid

Water-soluble cleaning agent for removal of resin residues on 3D printed objects. For use in ultrasonic baths, ultra-filterable and non-explosive. Cleaning effect up to 5 times higher than isopropanol.

// IMPRIMO® Cleaning Liquid

6533.1  
1 l



## With protective gas (nitrogen)

### IMPRIMO® Cure

Light oven for the polymerization of 3D printed objects with LED exposure technology and protective gas device (nitrogen), avoiding the formation of an inhibition layer. Control of exposure parameters via touch screen. Built-in sensors measure the protective gas flow in the polymerization chamber and inform the user about the state of the light source. Communication of the Light Oven with an app via a wireless network will be possible for the transmission of QM relevant data such as exposure programs.

#### Technical data

Voltage: 220 V

Wavelength: 365 / 405 nm

Light source: LED

Dimensions: 405 x 210 x 430 mm

UV-chamber: 167 x 115 x 105 mm

Network compatibility: Wifi

Sensor: gas pressure, UV sensor

Working pressure: 1.8 bar

IMPRIMO® Cure

6532.1  
1 piece



### 3D Model insulation

Insulation for 3D models when processing cold-curing resin, such as STEADY-RESIN S. Application with enclosed brush provides optimum insulation, suitable for models generated with 3D printers.

3D Model insulation

6510.1  
65 ml

