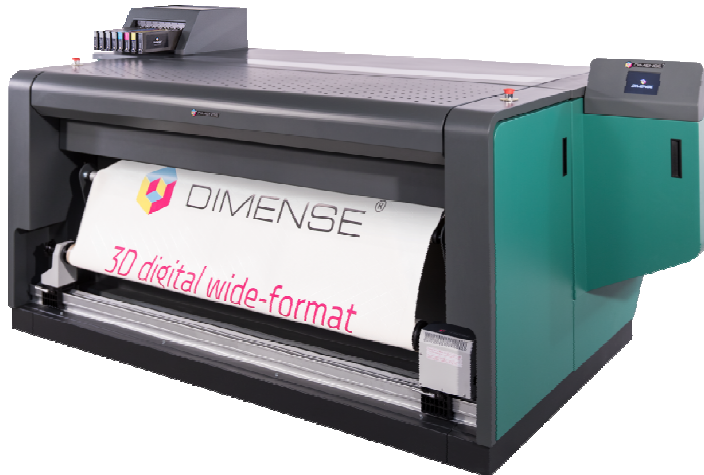


Dimensor S allows simultaneous printing with embossing in a continuous way. It is made of two major components – inkjet printer and calender. For printing digitally embossed images, special preparation of files as well as Dimense media and water based latex and structural inks are required.



**Speed:** upto 30 sqmtr/hr  
(323 sqft/hr)

**Width:** upto 1.6 m (63 in)

**Structure:** upto 1mm (39 mil)

**Features:**

- eco-friendly
- PVC free media
- water based latex inks

**Applications:**

- Wallpapers
- Paintable 3d wallpapers
- Roll-ups
- Canvases
- Digital concrete
- Calendars
- Exhibition booth decoration
- Point-of-sale materials
- Packaging

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## **Different Finishes that can be achieved with Dimensor S:**



**Matte finish:** The most often used and versatile media with matte finish. It allows using bright colors without altering them. The print has matte finish and is suitable for all kinds of applications: paintable 3D wallpapers, canvases, packaging, digital concrete and many more.



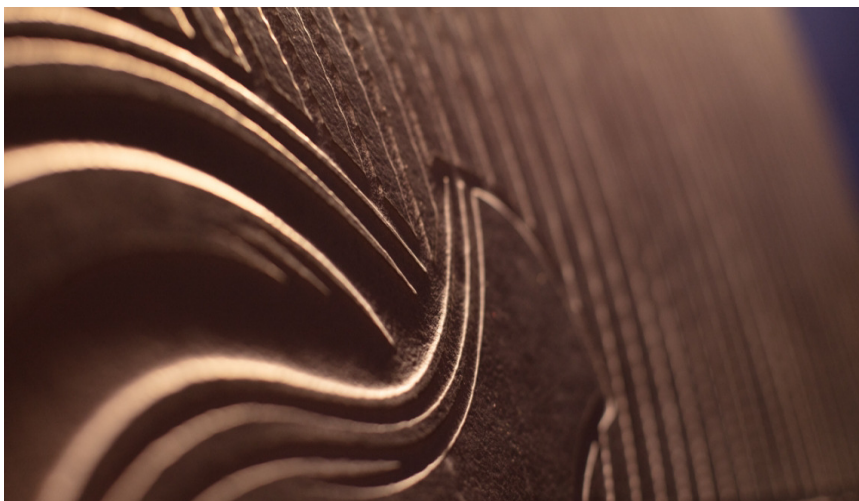
**Gold finish:** A truly outstanding printing media with gold effect is most suitable when premium, glossy, shiny finish is needed. Due to its shade it requires more experience in matching printed colors, but the end result is just awesome! Gold media contains metallic particles, which reflect infrared radiation. Therefore, under the same conditions, it heats less than usual media (matte or pearlescent) and does not reach temperatures necessary to achieve embossing effect. Thus, certain adjustments both in Dimensor S settings, as well as file preparation, are needed.



**Silver finish:** A very special media with silver finish, perfectly suitable when metallic finish is needed for your application. It provides a premium looking effect for all kinds of applications. Silver media contains metallic particles, which reflect infrared radiation. Therefore, under the same conditions, it heats less than usual media (matt or pearlescent) and does not reach temperatures necessary to achieve embossing effect. Thus, certain adjustments both in Dimensor S settings, as well as file preparation, are needed.



**Pearlescent finish:** A very versatile white media with pearlescent finish. It allows using bright colors without altering them, but adding some additional sparkle to it. The print is suitable for all kinds of applications: 3D wallpapers, canvases, packaging, and many more.



**Media plus:** Media Plus was developed as a response to requests for a deeper embossing effect. As a result we produced material with increased weight and higher foaming ratio. The weight of the foamable layer, compared to regular matt media, increased approximately by 50% and foaming thickness was increased by 100%. The structural ink reacts slightly different with media Plus and, therefore, requires different file preparation for S channel. The deeply embossed white material based on media Plus can be used for 3D paintable wallpapers, as well as for digital concrete applications.

#### **Key Specifications:**

Print technology	Piezoelectric Inkjet
Print head	2 (8 colour channels), arranged in staggered order
Nozzle configuration	8 lines x 180 nozzles
Controlling mechanism	Touch screen system
Temperature control	Digital control on five zones
Heating element	Working temperature up to 500°C
Temperature accuracy	+/-5°C
Fume extraction	Digitally controlled system
Guiding mechanism for base material	Yes
Calander readiness indicators	Yes

#### **Printer measurements & weight:**

Dimensor S (L x W x H): 2965 x 1543 x 1520 mm

Dimensor S weight : 840 kg

Fume extractor weight : 75 kg

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