



# Avinci DX3200

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## Overview

Meet Avinci DX3200 – Agfa Graphics' dedicated soft signage dye sublimation roll-to-roll printer. It brings remarkable print quality to a wide range of in- and outdoor soft signage applications such as banners, indoor wall graphics, shop decoration, outdoor advertising, trade show displays and more. You name it, Avinci is up to the challenge.

This advanced soft signage printer is the result of carefully selected features and benefits that combine into one highly productive unit, ready to generate stunning prints that stand out. Large-format printing up to 3.2 m wide, low ink consumption, 6 colors (CMYKLcLm), a resolution up to 1440 x 540 dpi – the Avinci DX3200 has it all.

## Download

- [Avinci brochure \(English\)](#)

## Related Information

[New Avinci DX3200 printer from Agfa Graphics for high-quality, vibrant soft signage printing to be launched at ISA 2017](#)

**Watch the movie**



## Key benefits

- Large-format soft signage applications up to 3.2 m wide.
- High productivity and a robust design for reliable printing.
- Low ink consumption yet excellent print quality in both text and images.
- 6 colors (CMYKLcLm) for vibrant prints and a wide color gamut.
- Fine detail rendering with a resolution up to 1440 x 540 dpi.
- A wide range of polyester-based applications and outstanding print-through on flags.
- User-friendly and cost-effective, including a smart wind-up system in every speed mode.
- Off-line calendering to ensure perfect fixation.
- Powered by Asanti workflow software and integrable with cloud service PrintSphere.

## Features

### **Soft signage – a powerful choice**

Soft signage is rapidly becoming the preferred solution for many businesses that demand high-quality marketing and display material. And with good reason: it's user-friendly and cost-effective. Soft signage print results are lighter and easier to transport and install.

The Avinci DX3200 allows you to create large-format, soft signage prints of up to 3.2 m wide with a maximum resolution of 1440 x 540 dpi. Through the process of dye sublimation, this unit prints directly onto your fabrics. The result? An efficient printing process and extremely vivid prints.

### **Excellent print quality, low ink consumption**

Avinci produces premium results with a minimum of jetted ink volume and waste production. The engine ensures the printing of perfect solids and outstanding tonal rendering with six different colors (CMYKlclm) – a rich color gamut that is particularly noticeable in skin tones, for example.

### **Speedy and precise media feeding**

Depending on your requirements and applications, Avinci can manage up to five different modes, with a speed of up to 173 m<sup>2</sup>/hr. Featuring a soft signage-dedicated media transport system, the Avinci engine ensures precise and easy feeding of all media, as well as the perfect wind-up of the print result.

### **Off-line calendering**

The calendering process in soft signage printing efficiently fixes the colors to the fabric while evaporating the water. If you opt for Avinci, this unit is part of a separate process and your printer will be spared from any mess or damage caused by the sublimation phase.

## **Driven by Asanti workflow**

Handling the Avinci DX3200's print process from a to z, Asanti workflow technology optimizes, simplifies and automates prepress, production and finishing steps to make productivity the priority. Asanti seamlessly integrates file handling, color management and preflighting for error- and stress-free job management.

## Technical specs

Avinci DX3200	
Media & printing specifications	
Flexible media	
Max print width	Single roll = 3.20 m (126.0")
Max-Min roll width	Single roll = 3.26 m (128.5")
Maximum length	>100 m length (also depends on the thickness and total roll weight)
Max media thickness	Max. 5 mm (0.19")
Maximum weight	Single roll = 100 kg (220 lbs)
Maximum roll outside diameter	360 mm (14.2")
Roll mounting	Pneumatic shafts for core diameter 7.62 cm - 3" (standard)
Media skew	Max. 2 mm on 10 m printing
Borderless printing flexible media	Single roll = up to 3.2 m (126")
Media transportation	Pre-heater, dancer bars and print plate suction for roll-to-roll
Productivity	
Open fabric: in-& outdoor flags	40 to 173 m <sup>2</sup> /hr (430 to 1862 ft <sup>2</sup> /hr)
Closed fabric: displays	40 to 173 m <sup>2</sup> /hr (430 to 1862 ft <sup>2</sup> /hr)
Closed fabric with diffusion layer: backlit displays	40 to 58 m <sup>2</sup> /hr (430 to 624 ft <sup>2</sup> /hr)
Media	

Media types	Polyester-based applications such as posters, banners, indoor wall graphics, shop decoration, outdoor advertising, trade show displays, and flags
<b>Print heads &amp; inks</b>	
Print heads	Piezoelectric Konica Minolta 1024i
Ink	CMYKLcLm
Ink system maintenance	Automatic
<b>Image &amp; text quality</b>	
Image quality	Resolution up to 1440 x 540 dpi in high definition
<b>Engine dimensions &amp; weight</b>	
Printer dimensions & weight (W x D x H)	6190 mm x 1600 mm x 1780 mm  243" x 63" x 70"  1650 kg (3638 lbs)
Crate dimensions & weight (W x D X H)	6490 mm x 1840 mm x 2160 mm 256" x 73" x 85"  2650 kg (5842 lbs)
<b>Electricity &amp; compressed air</b>	
Electricity	Engine: single phase 220-240 VAC (50/60 Hz) 12A (Fuse 16A)  Dryer: single phase 220-240 VAC (50/60 Hz) 30A (Fuse 32A)
Compressed air	Dry and oil-free (Class 1 according to ISO 8573-1 2010) 200 l/min – 6 Bar

## System integration RIP/workflow software

Asanti, PrintSphere, third-party rips

# Availability