

SIGNRACER 1610 High Bridge

BRIDGE THE GAP

Industrial LED UV printer for applications up to 25 cm printing height



Amaze the world by printing
in ways that have never
been done before

The SIGNRACER 1610 HB was developed for industrial customers with highest demands for printing in heights up to 25 cm. The unique carriage height adjustment system is using a robust industrial high-bridge design that greatly increases printing versatility. Speed and quality of the 1610HB are unique in this segment. Our high adhesion and flexible UV inks allow industrial customers to print on all kind of challenging materials like plastic components, metal parts and leather products.



MDF



Aluminium



Glass



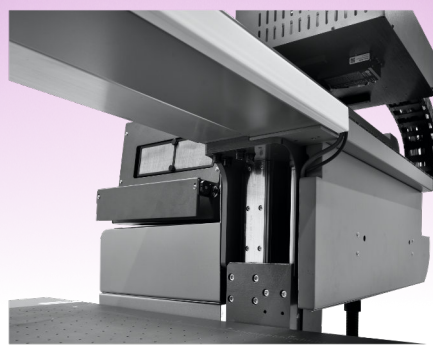
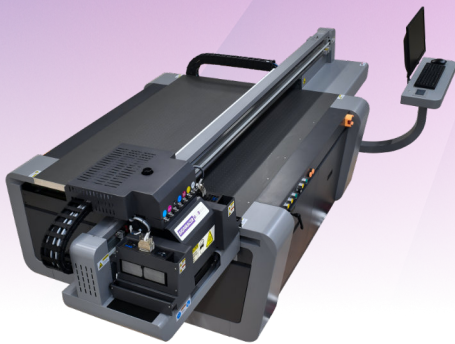
Plastics



Leather



Luxury



Printer Specification	SIGNRACER 1610 HB
Print technology	Multi Drop Inkjet
Print head	Ricoh Gen. 5
Carriage Speed	0.8 m/s
Printbed	1600 x 1000 mm
Flatbed	Honeycomb 2 zones vacuum table with registration pins
Dimensions (height x width x depth)	1300 x 3100 x 1700 mm (without PC arm)
Weight	760 kg
Power Consumption	4 kW
Nozzles Drop Size	Gen. 5 1280 nozzles 7 -21 pl grayscale
Media Specifications	
Max. Media Width Max. Print Width	1640 mm 1600 mm
Media Type	Rigid and flexible (PVC boards, Alu-Dibond®, PS, PP, Acrylat, PET-G, Glass)
Media Thickness	Maximum 250 mm
Media Drying System	LED UV curing with variable power levels (up to 14 Watt/cm²)
Printing Speeds	
Ricoh Gen. 5	Single row print heads
Draft (4 pass, 600 x 900 dpi)	23 m²/h
Production (6 pass, 600 x 900 dpi)	18 m²/h
Quality (8 pass, 600 x 900 dpi)	14 m²/h
Ink Specifications	
Ink Type UV	SR-100 HD, SR-200 HD, Premiumflex HD
Colours	CMYK + LC + LM + White + Clear
Ink Consumption	10 ml/m²
Main Ink Tank Capacity	1 l with level sensor