

Technical Key Features	SIGNRACER 1600	SIGNRACER 2500	SIGNRACER 3200
<b>Print Technology</b>	Multi drop technology	Multi drop technology	Multi drop technology
<b>Print Head</b>	Ricoh Gen. 5, 2–4 print heads	Ricoh Gen. 5, 2–8 print heads	Ricoh Gen. 5, 2–8 print heads Kyocera KJ4A, 4–5 symmetrical
<b>Carriage Speed</b>			
Belt	1.0 m/s	1.0 m/s	1.0 m/s (Ricoh)
Linear motor	–	–	1.5 m/s (Kyocera)
<b>Printbed</b>	1600 mm	2500 mm	3200 mm
<b>Hybrid</b>	Conveyor vacuum belt with 3 zones and startbar for media positioning	Conveyor vacuum belt with 5 zones and startbar for media positioning	Conveyor vacuum belt with 5 zones and startbar for media positioning
<b>Dimensions</b> (height × width × depth)	1310 × 3100 × 870 mm (without PC arm and media table)	1350 × 4850 × 1030 mm (without PC arm and media table)	1450 × 5480 × 1420 mm (without PC arm and media table)
<b>Weight</b>	900 kg	1300 kg	2460 kg
<b>Power Consumption</b>	4 kW	6 kW	6 kW
<b>Nozzles   Drop Size</b>			
Ricoh Gen. 5	1280 nozzles   7–21 pl grayscale	1280 nozzles   7–21 pl grayscale	1280 nozzles   7–21 pl grayscale
Kyocera KJ4A	–	–	2656 nozzles   4–10 pl grayscale
<b>Media Specifications</b>			
<b>Max. Media Width   Max. Print Width</b>	1600 mm   1600 mm	2500 mm   2500 mm	3200 mm   3200 mm
<b>Media Type</b>	Rigid and flexible (PVC Boards, Aludibond, PS, PP, Acrylat, PET-G, Glass)	Rigid and flexible (PVC Boards, Aludibond, PS, PP, Acrylat, PET-G, Glass)	Rigid and flexible (PVC Boards, Aludibond, PS, PP, Acrylat, PET-G, Glass)
<b>Media Thickness</b>	Maximum 50 mm	Maximum 50 mm	Maximum 50 mm
<b>Media Drying System</b>	LED UV curing with variable power levels (up to 14 Watt/cm <sup>2</sup> )	LED UV curing with variable power levels (up to 14 Watt/cm <sup>2</sup> )	LED UV curing with variable power levels (up to 14 Watt/cm <sup>2</sup> )
<b>Printing Speeds</b>	Single row print heads	Single   Double row print heads	Single   Double row print heads
<b>Ricoh Gen. 5</b>			
<b>Draft</b> (4 pass, 600 × 900 dpi)	23 m <sup>2</sup> /h	29 m <sup>2</sup> /h   44 m <sup>2</sup> /h	31 m <sup>2</sup> /h   50 m <sup>2</sup> /h
<b>Production</b> (6 pass, 600 × 900 dpi)	18 m <sup>2</sup> /h	21 m <sup>2</sup> /h   35 m <sup>2</sup> /h	23 m <sup>2</sup> /h   38 m <sup>2</sup> /h
<b>Quality</b> (8 pass, 600 × 900 dpi)	14 m <sup>2</sup> /h	16 m <sup>2</sup> /h   29 m <sup>2</sup> /h	17 m <sup>2</sup> /h   31 m <sup>2</sup> /h
<b>Kyocera KJ4A</b>			
<b>Draft</b> (4 pass, 360 × 600 dpi)	–	–	82 m <sup>2</sup> /h
<b>Production</b> (6 pass, 360 × 600 dpi)	–	–	58 m <sup>2</sup> /h
<b>Quality</b> (8 pass, 360 × 600 dpi)	–	–	44 m <sup>2</sup> /h
<b>Ink Specifications</b>			
<b>Ink Type UV</b>	SR-100 HD, SR-200 HD, Premiumflex HD	SR-100 HD, SR-200 HD, Premiumflex HD	SR-100 HD, SR-200 HD, Premiumflex HD
<b>Colours</b>	CMYK + LC + LM + White + Clear	CMYK + LC + LM + White + Clear	CMYK + LC + LM + White + Clear
<b>Ink Consumption</b>	10 ml/m <sup>2</sup>	10 ml/m <sup>2</sup>	10 ml/m <sup>2</sup>
<b>Main ink tank capacity</b>	1 l with level sensor	1 l with level sensor	1 l with level sensor