

Technical Key Features	SIGNRACER 1610   1610 HD	SIGNRACER 2512   2512 HD	SIGNRACER 3116   3116 HD	SIGNRACER 3020   3020 HD
<b>Print Technology</b>	Multi drop technology	Multi drop technology	Multi drop technology	Multi drop technology
<b>Print Head</b>	Ricoh Gen. 5, 2-4 print heads Ricoh Gen. 5s (HD), 2-4 print heads	Ricoh Gen. 5, 2-8 print heads Ricoh Gen. 5s (HD), 2-8 print heads	Ricoh Gen. 5, 2-8 print heads Ricoh Gen. 5s (HD), 2-8 print heads Kyocera KJ4A, 4-5 symmetrical	Ricoh Gen. 5, 2-8 print heads Ricoh Gen. 5s (HD), 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)	1.0 m/s (Ricoh)
Linear motor	-	-	1.5 m/s (Kyocera)	1.5 m/s (Kyocera)
<b>Printbed</b>	1600 × 1000 mm	2500 × 1250 mm	3100 × 1600 mm	3050 × 2050 mm
<b>Flatbed</b>	Honeycomb 2 zones vacuum table with registration pins	Honeycomb 4 zones vacuum table with registration pins	Honeycomb 4 zones vacuum table with registration pins	Honeycomb 4 zones vacuum table with registration pins
<b>Dimensions</b> (height × width × depth)	1300 × 3100 × 1700 mm (without PC arm)	1320 × 4670 × 1960 mm (without PC arm)	1350 × 5230 × 2220 mm (without PC arm)	1350 × 5230 × 3200 mm (without PC arm)
<b>Weight</b>	760 kg	1380 kg	1610 kg	1760 kg
<b>Power Consumption – Option</b>	4 kW	6 kW	6 kW	6 kW
<b>Nozzles   Drop Size</b>				
Gen. 5	1280 nozzles   7-21 pl grayscale	1280 nozzles   7-21 pl grayscale	1280 nozzles   7-21 pl grayscale	1280 nozzles   7-21 pl grayscale
Gen. 5s	1280 nozzles   2.5-9 pl grayscale	1280 nozzles   2.5-9 pl grayscale	1280 nozzles   2.5-9 pl grayscale	1280 nozzles   2.5-9 pl grayscale
KJ4A	-	-	2656 nozzles   4-10 pl grayscale	2656 nozzles   4-10 pl grayscale
<b>Media Specifications</b>				
<b>Max. Media Width   Max. Print Width</b>	1640 mm   1600 mm	2540 mm   2500 mm	3140 mm   3100 mm	3100 mm   3050 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)	Rigid and flexible (PVC Boards, Aludibond, PS, PP, Acrylat, PET-G, Glass)
<b>Media Thickness</b>	Maximum 100 mm	Maximum 100 mm	Maximum 100 mm	Maximum 100 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> )	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	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	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	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	17 m <sup>2</sup> /h   31 m <sup>2</sup> /h
<b>Ricoh Gen. 5s</b>				
<b>Draft</b> (4 pass, 600 × 1200 dpi)	20 m <sup>2</sup> /h HD	25 m <sup>2</sup> /h   40 m <sup>2</sup> /h HD	27 m <sup>2</sup> /h   43 m <sup>2</sup> /h HD	27 m <sup>2</sup> /h   43 m <sup>2</sup> /h HD
<b>Production</b> (6 pass, 600 × 1200 dpi)	16 m <sup>2</sup> /h HD	19 m <sup>2</sup> /h   31 m <sup>2</sup> /h HD	20 m <sup>2</sup> /h   33 m <sup>2</sup> /h HD	20 m <sup>2</sup> /h   33 m <sup>2</sup> /h HD
<b>Quality</b> (8 pass, 600 × 1200 dpi)	13 m <sup>2</sup> /h	14 m <sup>2</sup> /h   25 m <sup>2</sup> /h	15 m <sup>2</sup> /h   27 m <sup>2</sup> /h	15 m <sup>2</sup> /h   27 m <sup>2</sup> /h
<b>Kyocera KJ4A</b>				
<b>Draft</b> (4 pass, 360 × 600 dpi)	-	-	74 m <sup>2</sup> /h	69 m <sup>2</sup> /h
<b>Production</b> (6 pass, 360 × 600 dpi)	-	-	53 m <sup>2</sup> /h	49 m <sup>2</sup> /h
<b>Quality</b> (8 pass, 360 × 600 dpi)	-	-	40 m <sup>2</sup> /h	37 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	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	CMYK + LC + LM + White + Clear
<b>Ink Consumption</b>	7-10 ml/m <sup>2</sup> (HD, Other)	7-10 ml/m <sup>2</sup> (HD, Other)	7-10 ml/m <sup>2</sup> (HD, Other)	7-10 ml/m <sup>2</sup> (HD, Other)
<b>Main Ink Tank Capacity</b>	1 l with level sensor	1 l with level sensor	1 l with level sensor	1 l with level sensor