

Technical Key Features	SIGNRACER 1610 1610 HD	SIGNRACER 2512 2512 HD	SIGNRACER 3116 3116 HD	SIGNRACER 3020 3020 HD
Print Technology	Multi drop technology	Multi drop technology	Multi drop technology	Multi drop technology
Print Head	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
Carriage Speed				
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)
Printbed	1600 × 1000 mm	2500 × 1250 mm	3100 × 1600 mm	3050 × 2050 mm
Flatbed	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
Dimensions (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)
Weight	760 kg	1380 kg	1610 kg	1760 kg
Power Consumption – Option	4 kW	6 kW	6 kW	6 kW
Nozzles Drop Size				
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
Media Specifications				
Max. Media Width Max. Print Width	1640 mm 1600 mm	2540 mm 2500 mm	3140 mm 3100 mm	3100 mm 3050 mm
Media Type	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)
Media Thickness	Maximum 100 mm	Maximum 100 mm	Maximum 100 mm	Maximum 100 mm
Media Drying System	LED UV curing with variable power levels (up to 14 Watt/cm ²)	LED UV curing with variable power levels (up to 14 Watt/cm ²)	LED UV curing with variable power levels (up to 14 Watt/cm ²)	LED UV curing with variable power levels (up to 14 Watt/cm ²)
Printing Speeds	Single row print heads	Single Double row print heads	Single Double row print heads	Single Double row print heads
Ricoh Gen. 5				
Draft (4 pass, 600 × 900 dpi)	23 m ² /h	29 m ² /h 44 m ² /h	31 m ² /h 50 m ² /h	31 m ² /h 50 m ² /h
Production (6 pass, 600 × 900 dpi)	18 m ² /h	21 m ² /h 35 m ² /h	23 m ² /h 38 m ² /h	23 m ² /h 38 m ² /h
Quality (8 pass, 600 × 900 dpi)	14 m ² /h	16 m ² /h 29 m ² /h	17 m ² /h 31 m ² /h	17 m ² /h 31 m ² /h
Ricoh Gen. 5s				
Draft (4 pass, 600 × 1200 dpi)	20 m ² /h HD	25 m ² /h 40 m ² /h HD	27 m ² /h 43 m ² /h HD	27 m ² /h 43 m ² /h HD
Production (6 pass, 600 × 1200 dpi)	16 m ² /h HD	19 m ² /h 31 m ² /h HD	20 m ² /h 33 m ² /h HD	20 m ² /h 33 m ² /h HD
Quality (8 pass, 600 × 1200 dpi)	13 m ² /h	14 m ² /h 25 m ² /h	15 m ² /h 27 m ² /h	15 m ² /h 27 m ² /h
Kyocera KJ4A				
Draft (4 pass, 360 × 600 dpi)	-	-	74 m ² /h	69 m ² /h
Production (6 pass, 360 × 600 dpi)	-	-	53 m ² /h	49 m ² /h
Quality (8 pass, 360 × 600 dpi)	-	-	40 m ² /h	37 m ² /h
Ink Specifications				
Ink Type UV	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
Colours	CMYK + LC + LM + White + Clear	CMYK + LC + LM + White + Clear	CMYK + LC + LM + White + Clear	CMYK + LC + LM + White + Clear
Ink Consumption	7-10 ml/m ² (HD, Other)	7-10 ml/m ² (HD, Other)	7-10 ml/m ² (HD, Other)	7-10 ml/m ² (HD, Other)
Main Ink Tank Capacity	1 l with level sensor	1 l with level sensor	1 l with level sensor	1 l with level sensor