



Technical specification:

Ink type:	Flexible UV ink (4-6 colors)			
Print head:	Kyocera dual channel print head (dual row 8-12 pcs)			
Printing table width:	5300mm			
Max printing width:	5000mm			
Suction area:	900mm + 3200mm + 900mm			
Max carriage height:	40mm			
Printing gap:	1-2mm			
Printing speed:	4pass	6pass	8pass	12pass
(prototype testing speed)	138m ² /hr	94m ² /hr	70m ² /hr	50m ² /hr
Resolution:	900x1200dpi (720x1200 dpi will be available later and speed will increase)			
Max media thickness:	2mm			
Curing method:	LED lamp (power adjustable)			
Machine protection:	Light curtain protection			
Negative pressure system:	Automatic negative pressure adjustment			
Dual roll printing:	Supported			

Other main parameters:

Structure:	High strength, high rigidity, high precision of steel welded structure
X- axis control:	X- axis with linear motor and metal encoder
Y-axis control:	Y-axis with Sumitomo reducer (Sumitomo T355) Biaxial drive
Pinch roller system:	Pinch roller with 8 air cylinder support point structure
Platform:	Water cooling printing platform with three adjustable suction zone
Media handling system:	Media handling with two roller held for take up and feeding
Ink purge:	Individual ink purge system
Media width measurement:	Auto media detective and width measure system
Stepping accuracy	± 0.04mm (6 pass mode 38mm/per pass)
Driving Roller & Pinch Roller precision:	0.02mm
Gantry flatness:	0.03mm/meter
Dual-Rail parallelism: (THK Linear Guideway)	0.03mm
Printing table flatness:	0.1mm
Parallelism between carriage and printing table :	0.15mm