

Integration Goes Smoothly



Sept, 2014.
Re-defined HYBRID in Large-Scale Application



Hybrid

Automatic Oval Printer with Digital Colors

- Pioneer in digital + oval printing mode, expert in digital printing solutions
- High-resolution Ricoh printheads, data-variable grey-scale printing, resolution up to 600 x 1200 dpi
- Industry-leading printing software and ink control system, achieves refined inkjet printing
- Creates new printing workflow, single pallet underbase, digital direct printing colors, no plate-making process
- CNTOP self-develops digital unit and oval unit, full integration provides ultra-smooth user experience
- Cooperates with M&R®, introduces CIMS¹ and advanced assembly management
- Intelligent operation management and automatic printhead maintenance, achieves unattended printing with lower cost

1. Contemporary Integrated Manufacturing System



Intelligent



Fast



Compatible



productive

Specifications of D10B

Print	Productivity	<ul style="list-style-type: none"> • 26 cm × 42 cm 400 pcs/h • 52 cm × 42 cm 280 pcs/h
	Printing Height	<ul style="list-style-type: none"> • 3-15 mm
	Max. Image Area	<ul style="list-style-type: none"> • 65 x 75 cm
	Fabric Types	<ul style="list-style-type: none"> • Natural fibers, synthetic fibers, nylon, polyester, etc.
Printheads	Printheads Quantity	<ul style="list-style-type: none"> • 10
	Printheads	<ul style="list-style-type: none"> • Grayscale Industrial Printhead
	Printing Resolution	<ul style="list-style-type: none"> • 600 x 1200 dpi • 900 x 1200 dpi
	Cleaning System	<ul style="list-style-type: none"> • Automatic cleaning system
Machine	Moisturizing	<ul style="list-style-type: none"> • Non-contact Moisturizing
	Overall Size	<ul style="list-style-type: none"> • 294 x 180 x 190 cm (L x W x H)
Ink	Weight	<ul style="list-style-type: none"> • 1500 kg
	Ink Type	<ul style="list-style-type: none"> • Eco-friendly pigment ink
Software	Ink Colors	<ul style="list-style-type: none"> • Cyan, Magenta, Yellow, Black
	RIP Software	<ul style="list-style-type: none"> • Hybrid dedicated RIP software
Requirements	Operating	<ul style="list-style-type: none"> • Windows
	Temperature	<ul style="list-style-type: none"> • 25°C ± 2°C
	Relative Humidity	<ul style="list-style-type: none"> • 60%-70%
	Power Supply	<ul style="list-style-type: none"> • AC 220 V, 1 ph, 18 A, 50/60 Hz, 4 kW
	Compressed Air	<ul style="list-style-type: none"> • 0.1 m³/min, 0.6 MPa



Specifications of Oval System T5C

Printhead	• 6	• 8	• 10	• 12	• 14	• 16	• 18	• 20
Stations	• 28 pcs	• 34 pcs	• 40 pcs	• 46 pcs	• 52 pcs	• 58 pcs	• 64 pcs	• 70 pcs
Max. Image Area Cutting Pallets	• 55 x 70 cm (21.7" X 27.6")							
Cutting Pallet Size	• 58 x 85 cm (22.8" X 33.5")							
Max. Image Area Cutting Pallets	• 42 x 70 cm (16.5" X 27.6")							
Garment Pallet Size	• 45 x 85 cm (17.7" X 33.5")							
Machine Length	• 1061 cm	• 1266 cm	• 1472 cm	• 1678 cm	• 1884 cm	• 2090 cm	• 2296 cm	• 2505 cm
Machine Width	• 330 cm (420 cm when digital printer included)							
Machine Height	• 168 cm (190 cm when digital printer included)							
Air Pressure Specifications	• 0.6-0.8 MPa (must be dried and filtered)							
Power Supply	• AC 380 V, 3 ph, 50 Hz							
Power Consumption(kW)	• 3.9	• 6.2	• 7.0	• 7.8	• 8.6	• 9.4	• 10.2	• 11.0

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