

DPM-K16

INTOMA
TAIWAN PRINTING MACHINE

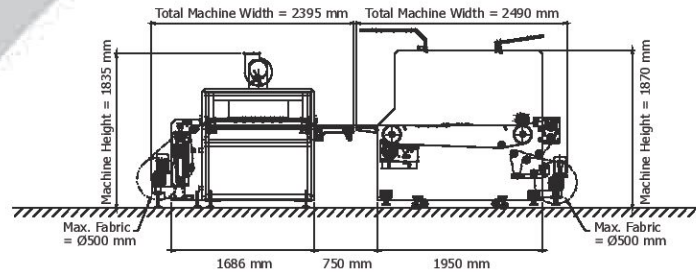
Speed: 400m²/hr



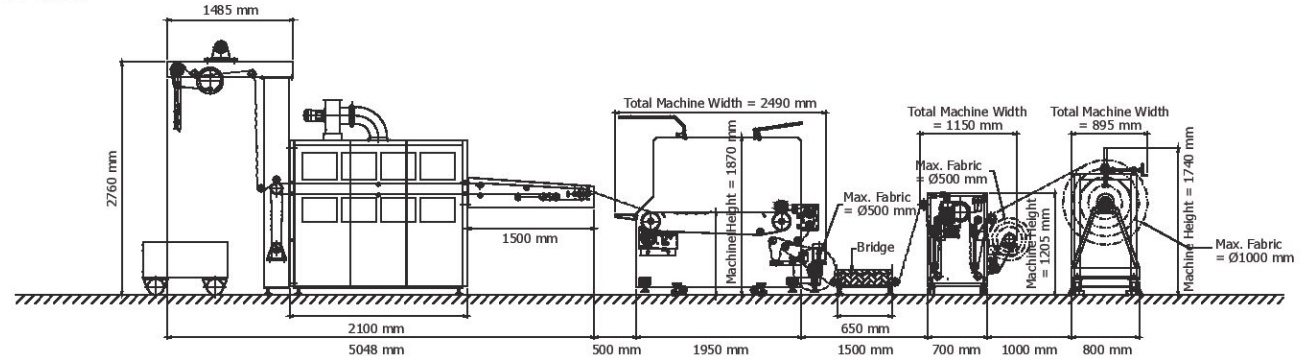
**Inkjet Textile
Printing Machine**

*Illustration, descriptions, and technical data are not binding and may be change without prior notice.

DPM-K16 + D-8E Dryer Side View



DPM-K16 + D-8E Dryer + Centering Guide + Batching Roll Side View



Specification

Category	Medium	
Model	DPM-K8	DPM-K16
Line of head	1	2
Print head	8	16
Capacity	100–200m ² /hr	200–400m ² /hr
Color combination	8 color	
Printing width	1850mm; 2630mm; 3430mm	
Blanket width	1900mm; 2675mm; 3475mm	
Carriage speed	900mm/sec – 1250mm/sec	
Greyscale	4 level greyscale with jetting volume of 5, 7, 12 or 18pl per line / head	
Firing frequency	20 / 30Khz	
X servo	Panasonic servo drive and encoder	
X gear head	Zero backlash, close loop design	
Y beam	Robust design with linear motor, close loop design	
Ink system	10L ink bottle, filter, degassing and last chance filtering system on every color, 3 ways valve, switchable between ink and cleaning solution for print head cleaning purpose	
Ink control	Air generated positive and negative pressure	
Ink purging	High precision regulator, air valve and manifold system	
Ink supply	Left and right supply	
Ink indication	Display on touch panel	
Ink type	Textile reactive, acid, disperse dye and pigment	
Tubing system	Fully automated for initial ink charge, ink fill and flushing agent cleaning circulation (patent pending)	
Cleaning station	Ultrajet air suction cleaning (Patent no:PI2014000707, pending US patent)	
Display	10" touch panel	
Interface	Express PCI and fiber optic	
Control	Modbus (motherboard to servo and PLC)	
RIP	UltraPrint Queue, support UltraPrint RIP, TexPrint RIP and NeoStampa RIP	
Electronic	PCIe, Plane Board, USB & HDB	
Electrical	415VAC, +/-10%, 3 phase, working 20amp, isolator 30amp, 50Hz / 60Hz	
Passes	1, 2, 3, 4, 8, 16 passes, support layer print	
Washing unit	SUS washing unit with brush and wiper, motorized brush roller, sponge roller, sliding control device ensure easy maintenance	
Compressed air	Min 6 bar (supply by buyer)	
Dryer	Standard eco dryer, 3-5m/minute, heater nozzle and exhaust module, optional pro dryer	
Operating environment	Temperature 20°C - 25°C with 65% - 75% humidity	

Printing resolution : 600 x 600dpi, 600 x 1200dpi, 600 x 1800dpi, 1200 x 1200dpi, 1200 x 1800dpi

Structure : Robust design; State of art

Optional Module

a) Single Chamber Professional Dryer

Media width	: 2000mm, 2800mm, 3600mm
Feeding	: Mesh drive system, S type, maximum 6 meter
Sensor	: Distance feeding detect sensor
Exchanger	: Option of electrical / gas / thermal oil / steam
Control box	: Independent
Piping size	: 57mm inlet; 48mm outlet
Blower	: 6.6KW; for gas 7KW
Consumption	: Steam 0.18t/hr; oil 21m ³ ; gas 11m ³ ; electrical 36KW
Output	: Roll and plaiting/folding

b) Feeding Option

i) Batching Roll

Media width : 2000mm; 2800mm; 3600mm

ii) Centering Guide

Media width : 2000mm; 2800mm; 3600mm

數位印花專用乾燥機

DIGITAL PRINTING DRYER
FOR INKJET PRINTER

D-8E

