


 Technical specification

Product Description
■ Flatbed inkjet printing press

- Maximum print area 3.14 x 1.6m (123.6ins x 63ins)
- Maximum substrate thickness 50mm (2ins) in manual mode, 10mm (0.4ins) using automation
- Maximum substrate weight: 20kg (44lbs) in manual mode, 10kg (22lbs) using automation.

■ Operator console including screen, keyboard and mouse
■ ¾ Auto Load option

- Manual lay table
- Auto-unloader.

■ 2 x UV curing lamps
■ Uni-directional and bi-directional print.
Including:

- Installation kit
- Operator training
- Operator manual
- RIP Training

Physical Machine Dimensions	
Width	5.20m (17')
Length	10.8m (36')
Height	2.2m (7'2")
Machine Footprint	7.2m x 13m (23.6' x 42.65') to include, safety zone door opening access plus chiller.
Weight	6000kgs (13228lbs)
Console	S20 has a separate control console

User interface	
Console	Free standing console with TFT screen, mouse & keyboard

Media	
Max print size	3.14m x 1.6m (123.6" x 63")
Max substrate thickness	50mm (2") in manual mode, 10mm (0.4") using automation
Media	Foam PVC, PVC sheets, foamboard, corrugated cardboard, displayboard/cardstock, compressed cardboard, polystyrene, paper, synthetic paper, banner material, corrugated polypropylene, polycarbonate and others

Printing Technology	
Heads	26 printheads per colour
Resolution	600-1000 dpi

Inks and curing	
Inks	Choice of configurations: CMYK, Light Cyan, Light Magenta, Orange, Violet or White using Fuji Sericol UV cure inks
Curing	Dual mercury lamps
Reservoir	5 litre bulk tanks

Printing	
Maximum Substrate Weight	20kg/44lbs at full table speed 10kg/22lbs using ¾ auto handling option
Throughputs & Modes	16 pass bi-di 250m ² /hr Satin Finish 54 Beds/hr 16 pass uni-di 180m ² /hr Satin Finish 35 Beds/hr 16 pass bi-di 220m ² /hr Gloss Finish 44 Beds/hr 16 pass uni-di 150m ² /hr Gloss Finish 30 Beds/hr

RIP	
RIP Hardware	PC not included with machine.
RIP Software	Wasatch or ColorGATE RIP software available

Requirements	
Machine Power	380-480V 3 phase 50/60Hz @ 150A per phase
Chiller Power	380-480V 3 phase 50/60Hz @ 30A per phase
Compressed Air	6 Bar, 0.1lm ³ /min, ISO8573.1: Class 1.4.1
Network	Minimum 1000 Base T

Environment	
Temperature	20-30°C Ambient
Humidity	< 80% RH (non-condensing)

Standards	
EMC	BS EN 61000-6-2:2001 (Immunity) BS EN 61000-6-4:2001 (Emissions)
Safety	UL Compliant (not approved) CE Low Voltage and Machinery Directives CSA Orange Sticker