

StreamJet

High Quality
Ink Jet Device

CTC INK JET PRINTER Variable data output

Product concept

STREAMJET is a new monochrome wide format single pass inkjet printer for variable data industrial applications.

STREAMJET has been developed to combine many years of CTC printing experience, the latest inkjet technology, easy to use software and electro photographic process.

Applications

- ★ Variable data output
 - ★ Address, Post code (personalisation)
 - ★ Unique numbering
 - ★ Individual bar code, 2D bar code.
 - ★ Transactional output
- * The printing market will see increased demand for variable data output jobs. Variable data jobs are very important for the logistic/Procurement and any advertisement sales promotion jobs.

Market segmentation

- ★ Package printing
- ★ Label seal printing
- ★ Business form printing
- ★ Screen printing, flexo printing
- ★ Special application jobs

Features

- ★ High productivity (can be installed on any web or sheet-fed machine)
- ★ Roll to roll , Roll to fold, Fold to fold
- ★ Short runs, with mass customization of variable data
- ★ Fast delivery time
- ★ Small foot print
- ★ Reduce waste
- ★ UV ink (Non-VOC)

Comparison Chart

	StreamJet	LazerPrinter
Productivity	◎	○
Quality	○	◎
Substrates	◎	△
Consumables	◎	△
Initial Cost	○	○
Cost Performance	○	△
Maintenance	◎	△

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System Components

- Inkjet heads printer (Piezo DOD)
- Modular system (Web or Sheet fed)
- Ink supply system
- Dryer system (UV lamp)
- PC control and software (VIPS)
- Inspection camera (Option)

■ Technical Specifications

Print Engine Basic Spec	SJ-300	SJ-500
Printing system	Piezoelectricity Drop On Demand	
Dryer system	UV Curing (Metal Halide Lamp)	
Print Performance	30m/min(360dpi) : 60m/min(180dpi) Horizontal	50m/min(600dpi) : 100m/min(300dpi) Horizontal
Resolution	360dpi×360dpi or 180dpi×360dpi	600dpi×600dpi or 300dpi×600dpi
Print Width	36mm (1head) : max. 576mm (16heads)	108mm (1head) : max. 558mm (5heads)
Controller Basic Spec		
Platform	standard Windows PC is connected via fast Ethernet	
Operating System	Windows XP	
CPU	Core 2 Duo (2.0GHz processor) or more	Core 2 Quad (Q6600) or more
HDD	80GB of Hard-Disk more than	
RAM	1GB of RAM (2GB recommended)	
Display	Touch Panel Display	
Preloaded Software	Print layout soft "VIPS" (Variable Information Print Software)	
	•Form Layout	
	•Bar Code Print (CODE39, CODE128, NW-7, ITF, Industrial 2of5, JAN, EAN128, GS1 Data Bar, QR Code, PDF 417, and more)	
	•Auto Numbering, Check Digit	
	•External Data Edit (Fixed length and CSV)	
	•Other function: Layout for printing format, Permutation of data, Uniting of data, and more	
INK	UV INK BLACK or MONO COLOR (1kg bottle)	
Power Supply		
Controller system	Single phase 100-240V 1.5KVA	
Modular system	3P 200-240V Ground 20KVA (Conveyer: 12KVA UV: 8KVA)	
Operation room condition		
Operation temperature	10~35°C	
Operation humidity	20~80%RH (higher humidity is not acceptable)	
Controller dimensions	Approximately W250mm × L1150mm × H400mm	
Modular dimensions	W1500mm × L5500mm × H1600mm 2000kg	

*The data in this brochure was valid at the time of publishing, and is subject to change without notice.

