

Performance

Printer	Torus 126	Torus 380	Torus 500
Printhead	17mm High, 180dpi, 126 jets	50mm High, 180dpi, 380 jets	70mm High, 180dpi, 500 jets
Print area (per printhead)	17mm (W) x 2000mm (L)	50mm (W) x 2000mm (L)	70mm (W) x 2000mm (L)
Number of printheads	1 (4 in master/slave mode)	1 (4 in master/slave mode)	1 (4 in master/slave mode)
Self-cleaning, self-prime system	Standard (patented)	Standard (patented)	Standard (patented)
Ink reclaim system	Standard (automatic)	Standard (automatic)	Standard (automatic)
Print distance	0.5mm to 4.0mm max.	0.5mm to 4.0mm max.	0.5mm to 4.0mm max.
Print speed	0.3 - 31m/min*	0.3 - 31m/min*	0.3 - 31m/min*
Ink	Non-toxic, suitable for food packaging	Non-toxic, suitable for food packaging	Non-toxic, suitable for food packaging
Ink supply / delivery	Non-pressurised, screw-in cannister	Non-pressurised, screw-in cannister	Non-pressurised, screw-in cannister
Controller / user interface / ink cabinet	Integral to printer	Integral to printer	Integral to printer
Integral print sensor	Standard	Standard	Standard

*Print speeds and throughput are resolution, substrate, application and set-up dependent

General

5.7" TFT touch screen operator interface (CLARITY®)	On-board diagnostics
Full-colour LCD touch panel interface WYSIWYG print preview	On-board memory, compact flash and/or expansion card
3 levels of password protection	Off-line set up and parameter storage
Job selection and database support as standard	Multiple operator languages

Software

CLARISOFT® image design software	Auto best before date calculation and concession management
Fixed, variable and merged text fields	User configurable drop-down list fields
Link fields to databases	Flexible date / time formats
64mb message store memory	Real-time clock functions
Formats for shift coding	Text blocks
Field orientation 0°, 90°, 180° and 270°	Auto increment/decrementing text, counters and barcodes
Mirror image printing, image rotation	Basic shape drawing
Scalable text including rotation, mirror and inverse printing	Code options: Start of the day, shift codes, factory, machine, line ID
Multiple graphic formats supported, any size up to maximum print area	Full downloadable font support for Windows TrueType (including multiple languages and Unicode support)
Barcodes EAN 8, EAN 13, UPC-A, UPC-E, Code 39, EAN128, Code 128, ITF	Day code support: Hour, day of the week, day of the month, week of the year, month of the year, year of decade and Arabic date support

Connectivity

External inputs (fully software configurable)	Print go input (24V PNP, Volt free)
External outputs	Encoder input (24V Single/Quad)
RS232	Line select (up to 16 lines)
Ethernet	Fault output (volt free)
USB memory stick support	Warning output (24V PNP)
Binary and ASCII comms protocols and Windows drivers	Spare (24V PNP)
Host PC mode (remote database)	Master/slave unit - link up to four coders to a single controller and user interface
Server unit - fully integrate user interface into packaging machinery	Spare (24V PNP)
CLARINET® coder independent network management software	

Services

Air supply	6 bar, 90psi, dry uncontaminated
Power supply	90 - 264V, 47-63Hz, 140VA (max.)
Operating temperature	10°-40°
(With optional heater system)	5°-40°

Regulatory approvals

Printer Dimensions

