

Performance

| Printer | Torus 381+ | Torus 501+ |
|---|-------------------------------------|-------------------------------------|
| Print area (per printhead) | 50mm (W) x 2000mm (L) | 70mm (W) x 2000mm (L) |
| Number of printheads | 1 (4 in parent/child mode) | 1 (4 in parent/child mode) |
| Self-cleaning, self-prime system | Standard (patented) | Standard (patented) |
| Ink reclaim system | Standard (automatic) | Standard (automatic) |
| Print distance | 0.5mm to 4.0mm max | 0.5mm to 4.0mm max |
| Print speed | 0.3 - 31 m/min* | 0.3 - 31 m/min* |
| Ink supply / delivery | Non-pressurised, screw-in cannister | Non-pressurised, screw-in cannister |
| Controller / user interface / ink cabinet | Integral to printer | Integral to printer |
| Integral print sensor | 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) | Parent/child 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

MET N RTL

CE mark

FCC

Printer Dimensions

Torus 381+ & 501+

