

Performance

Printer	Zodiac HS (53mm)	Zodiac HS LA (107mm)
Unique solid state ribbon drive - Intermittent and continuous modes	-	-
Printhead	53mm, 300dpi, 12dots/mm	107mm, 300dpi, 12dots/mm
Print area - Intermittent motion mode	53mm (W) x 75mm (L)	107mm (W) x 75mm (L)
Print area - Continuous motion mode	53mm (W) x 204.5mm (L)	107mm (W) x 200mm (L)
Ribbon width	20mm - 55mm	55mm - 110mm
Maximum ribbon length	1200 metres	700 metres
Print speed - Intermittent motion mode	50mm/sec - 800mm/sec*	50mm/sec - 700mm/sec*
Print speed - Continuous motion mode	0mm/sec - 1000mm/sec*	0mm/sec - 800mm/sec*
High throughput mode, standard by software	-	-
Nominal ribbon waste between successive prints	0.5mm	0.5mm

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

General

8.4" TFT SVGA (800 x 600) touch screen operator interface	On-board diagnostics
Full-colour LCD touch panel interface WYSIWYG print preview	On-board memory, compact flash and/or expansion card
Clutchless bi-directional ribbon drive	Off-line set up and parameter storage
Simple ribbon webbing	Multiple operator languages
3 levels of password protection	Job selection and database support as standard
Ribbon saving features - radial ribbon save, interleaved ribbon save, intermittent ribbon save	

Software

CLARiSOFT® Image Design Software	Auto best before date calculation and concession management
Full downloadable font support for Windows TrueType (including multiple languages and Unicode support)	Scalable text including rotation, mirror and inverse printing
Fixed, variable and merged text fields	Flexible date/time formats
Link fields to databases	Real-time clock functions
Multiple graphic formats supported, any size up to maximum print area	Text blocks
Formats for shift coding	Auto increment/decrementing text, counters and barcodes
Field orientation 0°, 90°, 180° and 270°	Basic shape drawing
Mirror image printing, image rotation	User configurable drop-down list fields
Barcodes EAN 8, EAN 13, UPC-A, UPC-E, Code 39, EAN128, Code 128, ITF, RSS (including 2D composite codes)	128Mb message store memory

Connectivity

External inputs (fully software configurable)	3 x PNP inputs
External outputs	2 x relay outputs and 2 x PNP +24V outputs
RS232	Ethernet
Binary and ASCII comms protocols and Windows drivers	USB memory stick support
CLARiNET® coder independent network management software	Host PC Mode (remote database) using CLARiNET®
Master/slave unit - link up to four coders to a single controller and user interface	Server unit - fully integrate user interface into packaging machinery

Services

Air supply	6 Bar, 90psi, uncontaminated - 1.0ml/cycle (max.)
Power supply	90 - 264V
Operating temperature	5° - 40°

Regulatory approvals

MET N RTL

CE mark

FCC

Printer Dimensions

