

## Performance

Printer	Zodiac Hawk - 53mm
Printhead	53mm, 300dpi, 12dots/mm
Print area – Intermittent motion mode	53mm (W) x 75mm (L)
Print area – Continuous motion mode	53mm (W) x 300mm (L)
Ribbon width	20mm – 55mm
Maximum ribbon length	1200 metres
Print speed – Intermittent motion mode	10mm/sec – 1000mm/sec*
Print speed – Continuous motion mode	1mm/sec – 1000mm/sec*
Maximum throughput	Up to 500 prints per minute*
Nominal ribbon waste between successive prints	0.5mm

\*Print speeds and throughput are resolution, substrate, application and set-up dependent. iAssure™ technology is not currently supported for use with ribbon savings, high speed or high throughput print modes.

## Controller

The controller consists of a removable touchscreen and power supply unit      TFT SVGA 800x480 8" full colour LCD and touchscreen

## iAssure™ detectable defects

iAssure™ technology complements existing quality control processes. It is not designed to detect all printing errors and does not read barcodes.

Damaged print platen/roller	Dirty printhead
Misaligned printhead	Ribbon wrinkles
Uneven print surface	Overprints

## General

Clutchless bi-directional ribbon drive	Simple ribbon webbing
Ribbon saving features- radial ribbon save, interleaved ribbon save, intermittent stripes	Job selection and database support as standard
Multiple operator languages	3 levels of password protection
On-board diagnostics	On-board memory, compact flash and/or expansion card
Off-line set up and parameter storage	

## Software

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

## Connectivity

External inputs/outputs - 3 x PNP inputs, 2 x relay outputs and 2 PNP +24V outputs	External communications – 1 Serial port (RS232), 2 Ethernet ports, 2 USB ports, 15 Pin I/O connection, Binary and ASCII comms protocols and Windows drivers ZPL and SATO emulations
Master/slave unit – link up to 4 coders to a single controller and CLARITY™ control unit	CLARINET™ coder independent network management software
Host PC Mode (remote database) using CLARINET™	CLARITY™ Configuration Manager
Server unit – fully integrate user interface into packaging machinery	

## Services

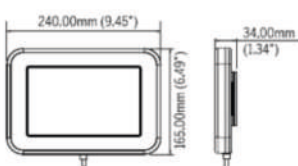
Power supply	90 – 264V
Operating temperature	0 – 40°C

## Regulatory approvals

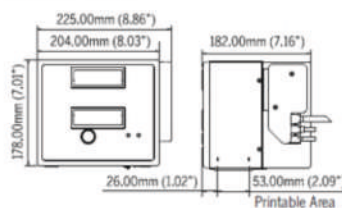
MET N RTL, CE Mark, FCC

## Dimensions

### Control panel



### Printer body



### Power supply

