

## Printer

Application method	Direct Apply (standard) with Intelligent Motion™ label drive Optional applicators: Front apply, ultra high speed and telescopic tamp
Print technology	Thermal transfer printing with Intelligent Motion™ ribbon drive and direct thermal
Printhead replacement	Tool-free quick release printhead replacement
Print speed	40 - 500mm/sec
Throughput	Up to 350 packs per minute, dependent on line speed and pack size only
Print resolution	300dpi/ 200dpi emulation mode

## Ribbon

Ribbon width	55mm, 76mm, 110mm
Ribbon length	Up to 830m, including automatic ribbon save (<1mm ribbon gap between successive prints irrespective of label size or speed) Low ribbon and end of ribbon detection with predicted changeover time built in as standard

## Label

Media type	Thermal transfer or direct thermal paper labels
Width/length	50 - 115mm/ 50 - 300mm
Capacity	Up to 400mm spool diameter (typically delivers over 9000 typical GS1 barcode labels per roll). Low labels and end of label detection with predicted changeover time built in as standard. Automatic adjustment for label/backing type and label size.

## General

6.5" TFT SVGA (800 x 800) 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
3 levels of password protection	Job selection and database support as standard

## 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
User configurable drop-down list fields	400MB on-board label database, sufficient for 25,000 typical GS1 barcode label designs
Barcodes EAN 8, EAN 13, UPC-A, UPC-E, Code 39, GS1-128, ITF, RSS (including 2D composite codes)	

## Communications

Compatible with CLARISUITE™	Binary and ASCII comms protocols
Compatible with any label design software which supports Zebra and Sato print engines ZPL, Sato (SBPL) and Markem-Imaje (Cimcomms) protocol support	

## Connectivity

Ethernet	Power-over-Ethernet
RS232	Configurable I/O (240V, PNP and volt free)
USB (for backup/restore and label upload)	Web browser
Binary and ASCII comms protocols	

## Services

Air consumption	No air required for standard direct apply labelling
Power supply	90 - 260VAC (115W at 50 packs per minute)
Operating temperature	5° - 40°
Weight	40kg (max, including ribbon and labels)
Regulatory approvals	CE, TUV

## Dimensions

