



BUYERS GUIDE

ICE Printers

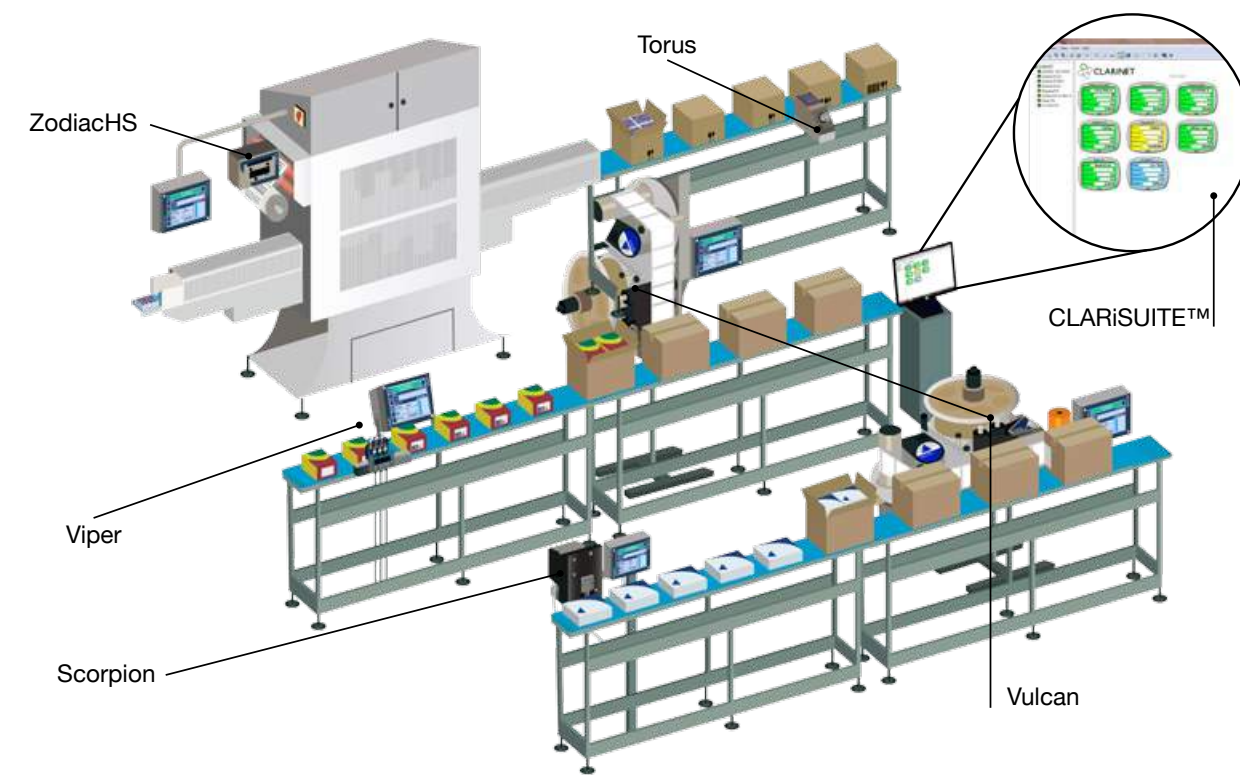
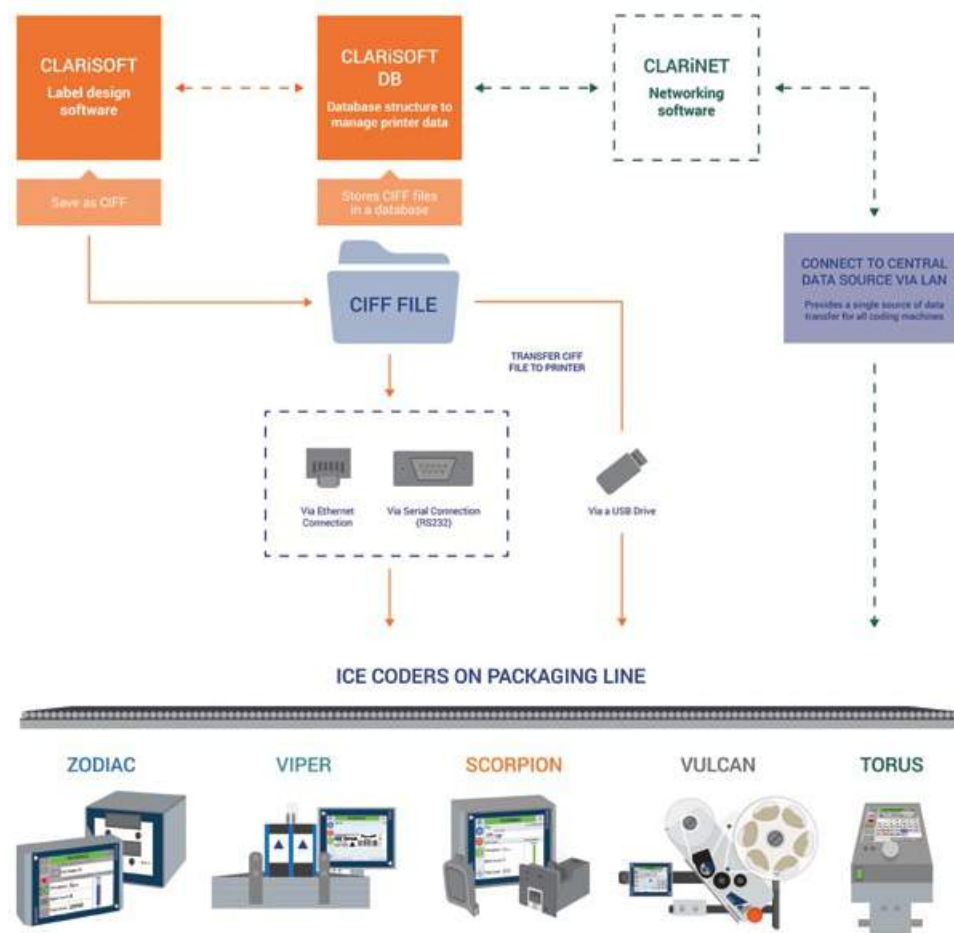
CLARISUITE™

Integrated Coding Software

CLARISUITE is a suite of software products that work together for the purpose of designing, managing and distributing data to be printed by the ICE and Videojet range of printers.

Highlights of CLARITY

- Unique data calculation manager to configure offset dates, avoidance rules and controlled concessions
- Windows TrueType font
- Intuitive, high resolution graphical user interface with colour touchscreen
- Multiple language functionality
- USB scanpoint for job selection via barcode scanning with no operator intervention
- Master/slave control up to 4 printers from a single screen
- Web browser to allow seamless OEM integration and remote diagnostics
- Transfer of data and images via USB port
- Easy integration in to factory systems



A total approach for all your coding and marking needs

ICE deliver a range of innovative coding products offering versatility to satisfy your packaging line coding requirements. With a worldwide sales and service network, we are committed to providing manufacturers and packaging equipment suppliers with high quality products, service and expert support.

End-to-end packaging line coding and marking

Designed to print on a variety of packing substrates, ICE printers can easily integrate with your existing packaging line machinery.

Whether you are printing on primary or secondary packaging, ICE printers can print accurate high quality date codes, barcodes and graphics to meet demanding requirements of your packaging production.

Delivering the lowest possible cost of ownership

The philosophy of ICE is to provide excellence in engineering and technology at the lowest possible cost of ownership. With reliability built in, ICE coders minimise maintenance and running costs to deliver you industry leading coders, at the best value.

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ZodiacHS



ZodiacES



Viper



Torus



Vulcan



Scorpion



TECHNOLOGY	Thermal transfer overprinter
PACKAGING TYPE	Primary Packaging
PRINTING MODES	Intermittent and continuous in the same machine
PACKAGING MATERIAL	Flexible packaging including: <ul style="list-style-type: none"> Vertical form, fill and seal Horizontal form, fill and seal Thermoform and tray-sealing
PRINthead	53mm and 107mm
PRINT AREA	Intermittent: 53mm (W) x 75mm (L) and 107mm (W) x 75mm (L) Continuous: 53mm x 135mm and 107mm x 204.5mm
PRINT SPEED	Intermittent: 50mm/sec to 800mm/sec Continuous: 0mm/sec to 1000mm/sec
PRINT RESOLUTION	300dpi
FEATURES AND BENEFITS	<ul style="list-style-type: none"> One printer for intermittent or continuous mode Left or right hand operation Operates at both very high and very low speed operation using precise ribbon tension control Simplest ribbon cassette design in the industry No clutch, brakes or wear parts therefore minimal maintenance required and no degradation of performance for the whole life of the coder Several unique ribbon save modes ensure efficient use of consumables, with typically less than 0.5mm of waste ribbon between prints. 1200m ribbon capacity IP65 washdown variant available

TECHNOLOGY	Thermal transfer overprinter
PACKAGING TYPE	Primary Packaging
PRINTING MODES	Intermittent and continuous in the same machine
PACKAGING MATERIAL	Flexible packaging including: <ul style="list-style-type: none"> Vertical form, fill and seal Horizontal for, fill and seal Thermoform and tray-sealing
PRINthead	32mm
PRINT AREA	Intermittent: 32mm (W) x 75mm (L) Continuous: 32mm x 204.5mm
PRINT SPEED	Intermittent: 50mm/sec to 650mm/sec Continuous: 40mm/sec to 650mm/sec
PRINT RESOLUTION	300dpi
FEATURES AND BENEFITS	<ul style="list-style-type: none"> The ZodiacES offers the option of a 32mm printhead The ZodiacES offers the same reliability and ease of use as the ZodiacHS with a reduced cost and specification

TECHNOLOGY	Thermal inkjet
PACKAGING TYPE	Primary or Secondary Packaging
PRINTING MODES	Continuous
PACKAGING MATERIAL	Porous and corrugate case packaging
PRINthead	Up to 4 printheads from 12.7mm up to 50.8mm
PRINT AREA	1 printhead: 12.7mm (W) 2 printheads: 25.4mm (W) 3 printheads: 38.1mm (W) 4 printheads: 50.8mm (W)
PRINT SPEED	75m/min at 600 x 240 dpi
PRINT RESOLUTION	600dpi
FEATURES AND BENEFITS	<ul style="list-style-type: none"> Fast, consistent, trouble free printing with excellent code clarity Print at up to 600dpi resolution, vertical and horizontal text, bar codes, 2D data matrix codes and logos Maintenance free printer with no replacement parts other than the ink jet cartridge - just replace the ink when required and go Clean, no mess and easy to change HP® ink cartridges

TECHNOLOGY	Large character marking
PACKAGING TYPE	Secondary Packaging
PRINTING MODES	Continuous
PACKAGING MATERIAL	Porous and corrugate case packaging
PRINthead	17mm, 50mm and 70mm
PRINT AREA	17mm (W) x 200mm (L) 50mm (W) x 200mm (L) 70mm (W) x 200mm (L)
PRINT SPEED	0.3 - 31 m/min
PRINT RESOLUTION	180dpi
FEATURES AND BENEFITS	<ul style="list-style-type: none"> No ink wastage due to the unique, patented ink reclaim system which ensures every drop of purged ink is recycled back in to the printer Maintenance free printer with no wear parts or line disruptions - just replace the ink when required and go Non-pressurised ink system eliminates potential downtime from maintenance on pumps, solenoids and other moving parts Patented self-cleaning printhead leaves the printer self-sufficient with no risk of nozzle blockages A small, compact unit for installations in tight spaces

TECHNOLOGY	Direct thermal print & apply labeller
PACKAGING TYPE	Secondary Packaging
PRINTING MODES	Labels can be applied on any side of pack including wraparound
PACKAGING MATERIAL	Traded unit boxes and shrinkwrap
PRINthead	107mm
PRINT AREA	Label width/length 50 - 115mm/50 - 300mm
PRINT SPEED	40 - 500mm/s
PRINT RESOLUTION	300dpi / 200dpi emulation mode
FEATURES AND BENEFITS	<ul style="list-style-type: none"> Print and directly apply labels in one continuous action without a tamp applicator or compressed air High throughput speeds of up to 150 packs per minute with no build-back of packages Intelligent Motion™ technology removes the pitfalls of the friction drive More than 80% of wear parts are removed, reducing constant maintenance requirements Printhead pressure is electronically regulated to ensure optimum print quality and printhead life Precise ribbon control to enable a clutchless ribbon drive and ribbon save mode

TECHNOLOGY	Thermal Inkjet
PACKAGING TYPE	Primary Packaging
PRINTING MODES	Continuous
PACKAGING MATERIAL	Films, foils, plastics and coated stocks
PRINthead	1 printhead 13.5mm, 2 printheads 27.0mm
PRINT AREA	Up to 2 independent 13.5mm high print areas
PRINT SPEED	240 x 240 dpi = 51 m/min 240 x 180 dpi = 68 m/min 240 x 120 dpi = 102 m/min
PRINT RESOLUTION	
FEATURES AND BENEFITS	<ul style="list-style-type: none"> High speed shutter system engages automatically to cap printhead when not in use and ensures line stoppages do not damage the print quality, ensuring continuous print. Purpose-built fast drying MEK compatible thermal inkjet cartridge. Flexibility to print on a wide range of packaging Designed to print on the top of a package or print horizontally on the side of a box. The cartridge provides a 13.5mm tall print array for printing at resolutions up to four times greater than continuous inkjet technology.

