



Open up a new world of
coding confidence

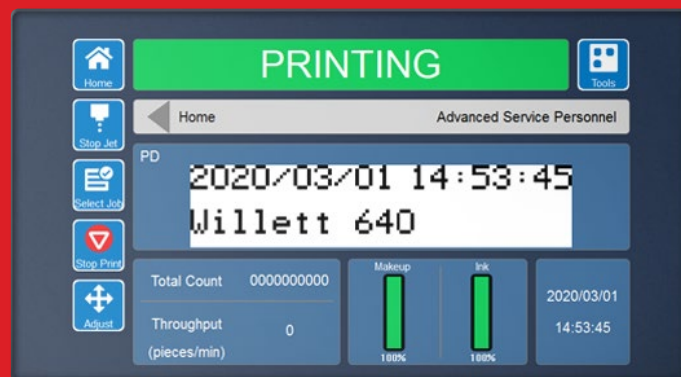
Continuous Inkjet

Willett® 640



Willett®

The Willett® 640 continuous inkjet printer



Willett® is an internationally recognized brand providing quality printing technology for over 30 years to manufacturers across the world.

The 640 continuous inkjet (CIJ) printer has been specifically designed for small to medium sized manufacturers to offer a coding solution that provides enhanced speed and quality of operation, and performance stability.





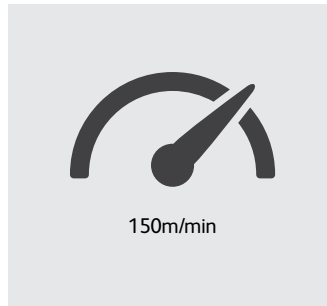
Print quality and accuracy

Automatic calibration



Dynamic calibration automatically adjusts printing parameters so the code is consistently printed correctly.

Quality at speed



Enhanced quality and speed of operation, the 640 prints up to 3 lines of code.

Accurate job selection



Visual job selection and layout preview helps the operator to print the correct codes.

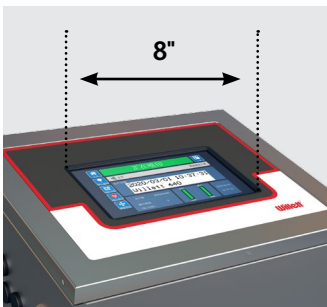
Automatic date and time function



Automatic date and time function to reduce the time it takes for operators to set up codes on the printer, as well as waste and rework.

Simple usability

Large touchscreen



Easy-to-use, large 8" color interface to help reduce coding errors.

Easy to use interface



Intuitive interface is easy to operate, with few steps to input codes, requiring less operator training.

Smart fluids usage



Smart Cartridge™ technology to help ensure the correct ink is used in the printer every time. Real-time fluids levels and maintenance alerts displayed on screen.

Easy serviceability



Modular design makes spare parts replacement easy, for fast recovery from downtime.

Willett® 640 specification

Line speed capability

Can print 1 to 3 lines of print at speeds of up to 492fpm (150mpm) (10 characters per inch, single line of print)

Font matrix configuration

Single-line: 5x5, 5x7, 7x9, 12x12, 12x16
Twin-line: 5x5, 5x7, 7x9, 12x12
Tri-line: 5x5, 5x7

Linear bar codes

UPC A&E, EAN 8 & 13, Code 128 A, B & C, UCC/EAN 128, Code 39, Interleaved 2 of 5, 2D DataMatrix, GS1

Custom logo/graphics

Can be imported from USB

Nominal character height

Selectable from 2mm to 7.5mm, depending on font

Throw distance

Optimal: 12mm
Range: 5mm to 15mm

User interface

8" high-response TFT-LCD screen
WYSIWIG touch to edit message editing

Character sets

English, Simplified Chinese, Traditional Chinese
Language and interface option

Input/output

Product detect input
Encoder input
USB

Message storage

100 complicated messages, limitless storage with USB

Environmental protection

IP43, no plant air required, stainless steel cabinet

Printhead

Heated
60μ or 70μ nozzle
Diameter: 41.3mm
Length: 240.6mm

Printhead umbilical

Ultra flexible
Length: 2m, optional 3m

Fluids containers

Ink and Make-up
Smart Cartridge™ 750ml

Temperature/humidity range

5°C to 45°C
10% to 90% RH non-condensing

Electrical requirements

Nominal supply power 100-240 VAC at 50/60Hz, 60W

Approximate weight

Unpacked and dry: 15kg

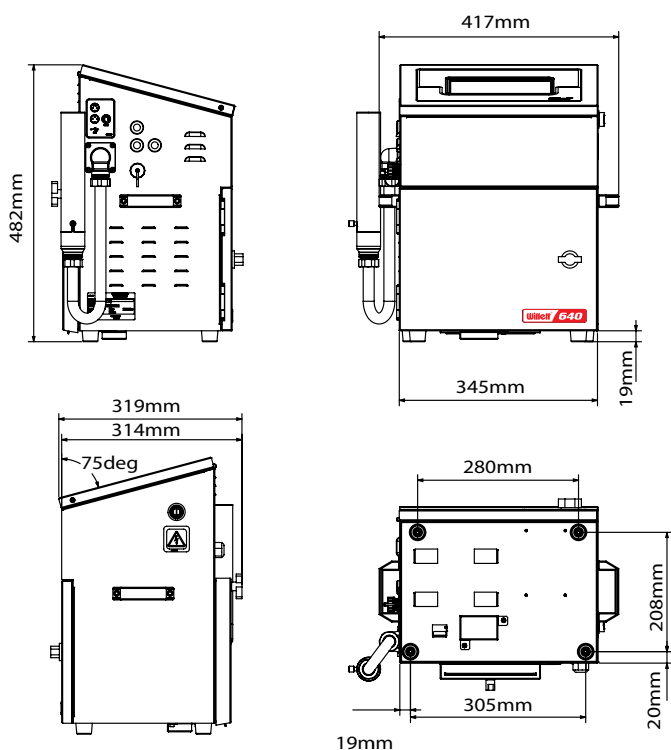
Options

RS232
Wide range of accessories

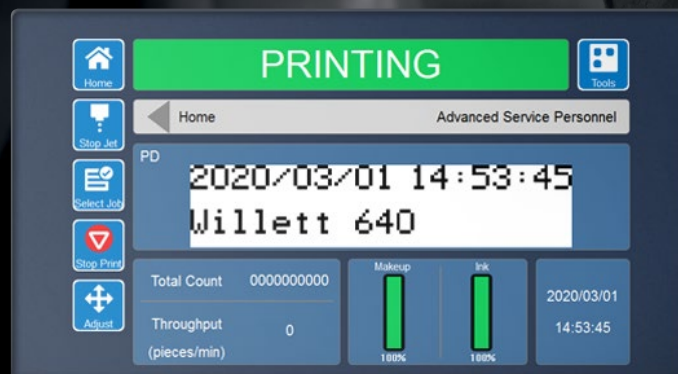
Willett® 640 print samples



Description	Print sample
5x5 Single-line	ABCDEFGH 12345 5x5
5x7 Single-line	ABCDEFGH 12345 5x7
7x9 Single-line	ABCDEFGH 12345 7x9
5x5 Twin-line	ABCDEFGHIJKLMN 合格 1234567890 5x5 合格
5x7 Twin-line	ABCDEFGHIJKLMN 合格 1234567890 5x7 合格
7x9 Twin-line	ABCDEFGHIJKLMN 合格 1234567890 7x9 合格
9x12 Twin-line	ABCDEFGHIJKLMN 合格 1234567890 9x12 合格
5x5 Tri-line	ABCDEFGHIJKLMN 合格 2018/03/01 合格 1234567890 合格
5x7 Tri-line	ABCDEFGHIJKLMN 合格 2018/03/01 合格 1234567890 合格
9x9 Single-line	ABCDEFGHIJKLMN
12x12 Single-line	ABCDEFGHIJKLMN
12x12 Twin-line	ABCDEFGHIJKLMN 1234567890
Bar code	Code 128
BMP Logo	Willett



"We need our codes to be easy to apply and easy to read"



The new 8" touchscreen interface opens up a new world of..

Performance stability

A stable high quality printer with an intuitive interface from an internationally trusted manufacturer.

Print quality

Predefined selections to choose from on the printer, to reduce errors and help provide consistent high quality codes.

User confidence

Easy-to-use, large 8" touchscreen interface to help reduce coding errors. Smart Cartridge™ technology to help ensure the correct ink is used in the printer every time.

Reduced waste

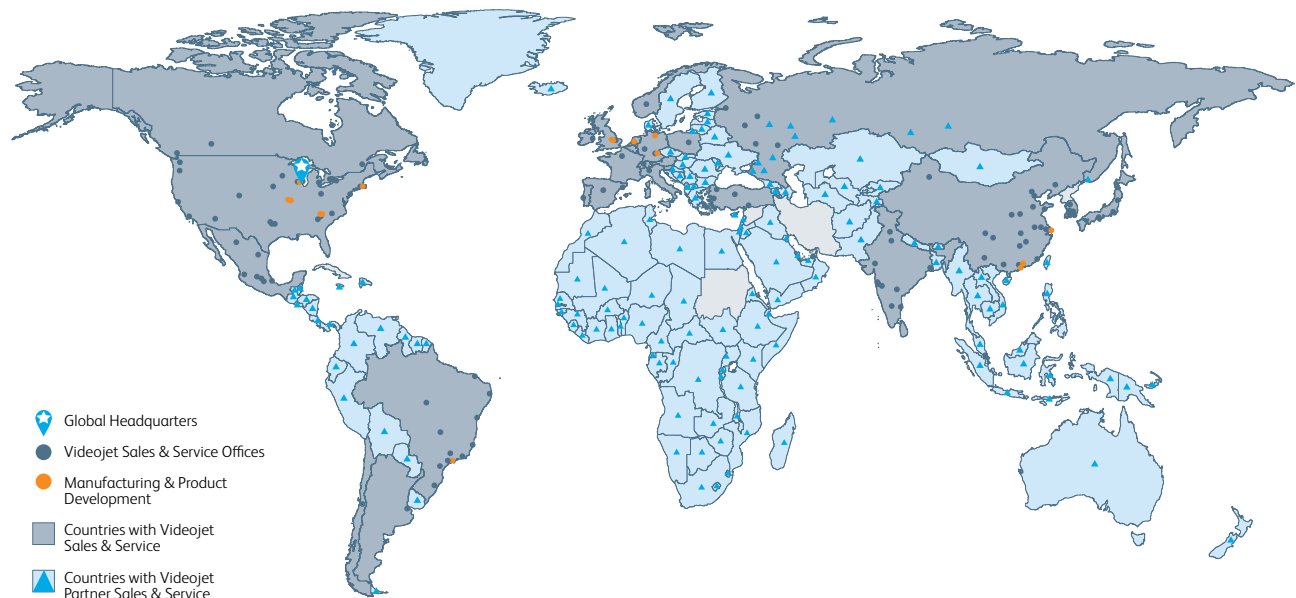
Can help to avoid costly coding errors that cause waste, resulting in customers rejecting products due to incorrect codes.



About Willett®

Established in 1983, international brand, Willett®, introduced the world's first large-character inkjet printer and microprocessor-controlled pressure sensitive labeller in the same year. By making constant breakthroughs in the following revolutionary decade, Willett® has successively developed continuous inkjet (CIJ) printers, print and apply labellers and laser coding & marking systems, selling through a global distribution network.

In 2003, Willett® became a subsidiary of Danaher Corporation, thus embarking on a new journey of coding and marking. Being part of the Danaher Corporation has provided additional resources and new capabilities in Research & Development, allowing Willett® to deliver further high quality, advanced technologies designed for the needs of local markets across the world.



Videojet Technologies (I) Pvt. Ltd.
Unit 101 / 102, Rupa Solitaire,
Building No. A-1, Sector -1,
Millennium Business Park, Mahape,
Navi Mumbai - 400710,
Maharashtra, India

T +91 75060 01861

E marketing.india@videojet.com

W www.videojet.in

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