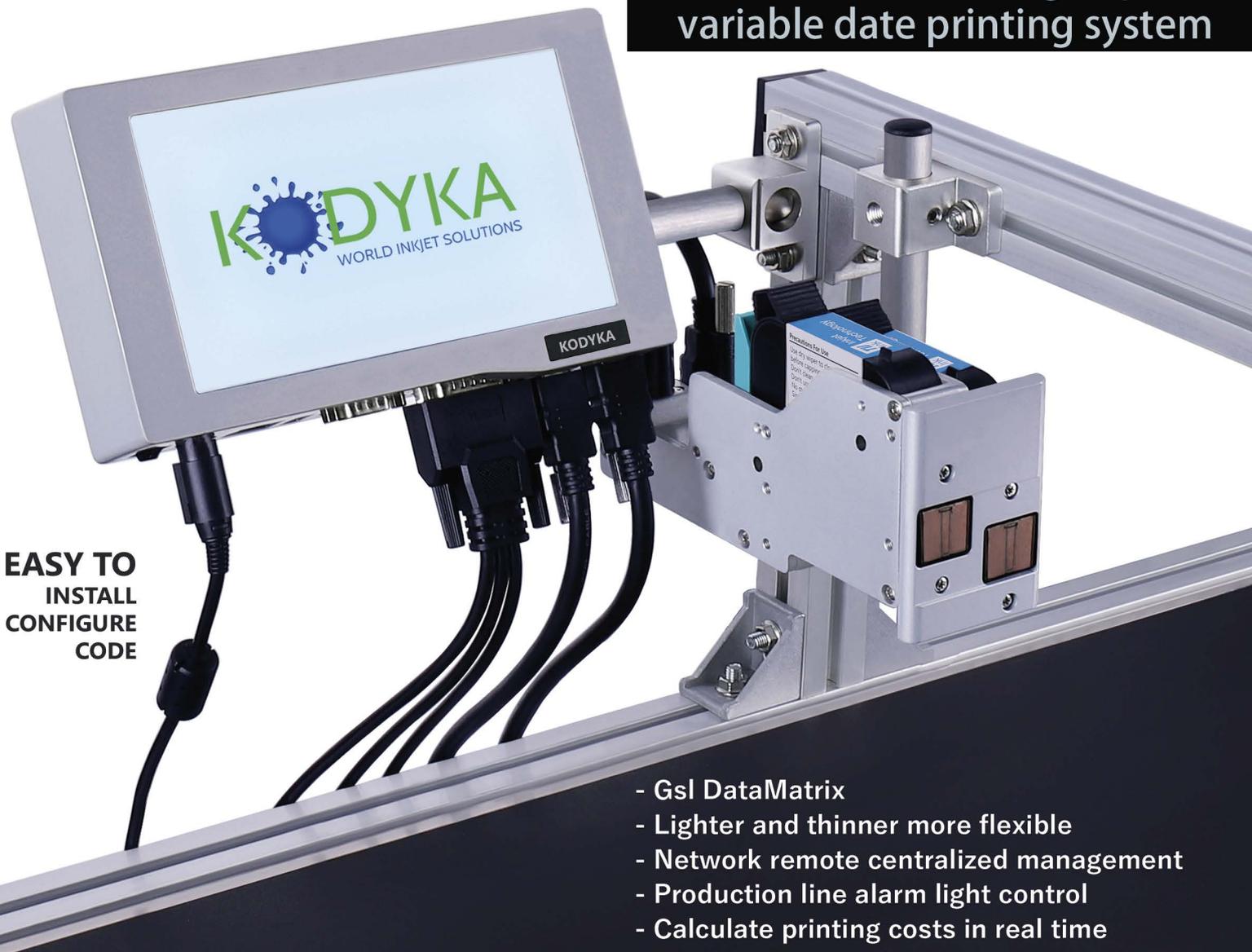# KODYKA
WORLD INKJET SOLUTIONS

K140HS

High Speed variable date printing system

EASY TO
INSTALL
CONFIGURE
CODE

- Gsl DataMatrix
- Lighter and thinner more flexible
- Network remote centralized management
- Production line alarm light control
- Calculate printing costs in real time
- Wireless keyboard and mouse control
- Anti-counterfeiting trace data printing
- Printing speed up to 240m/min

More reliable and professional hardware

Use of the American TI´s AM3358 Industrial Grade CPU, Xilinx Spant6 Industrial Grade FPGA. More stable, reliable and anti-interferences in various conditions rendering the printing a unique experience. The print engine uses TIJ dedicated ASIC chip, a perfect match for a variety of original and licensed HP Inks. Professional Cartridge preheat algorithm to ensure optimum print quality at high and low temperatures and environments.

More Powerful and Smarter software

Intelligent embedded Linux operating system provi-dea professional and more user friendly interface. Embedded powerful drop consumption algorithm that allow instant calculation of cost per print. Powerful variable funtions of the 2D Code to meet the today growing customers´ demand. Efficient and flexible variable databse functions to meet various applications requirements for product traceability.

2 YEAR WARRANTY

THE ONLY MANUFACTURER TO OFFER

Double nozzles seamless stitching and independent installation

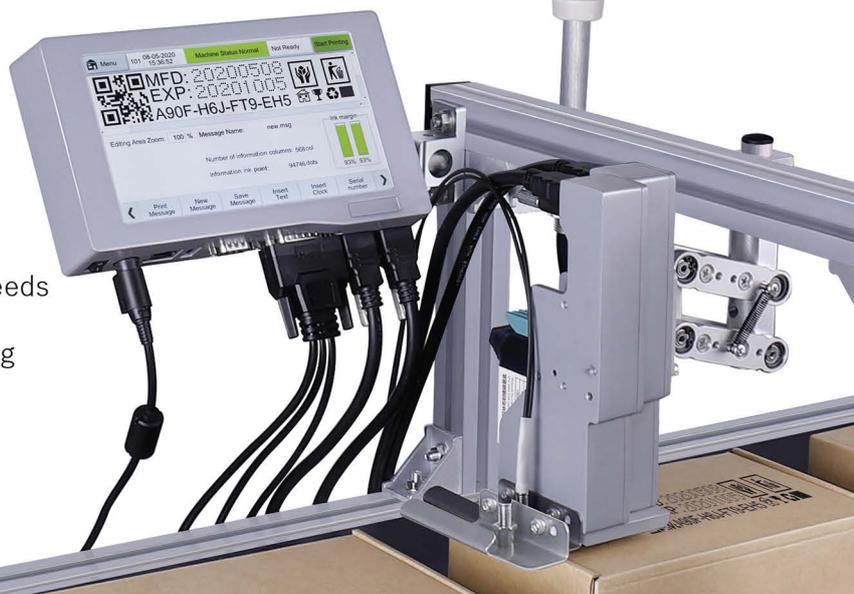Easily match the weighing machine, packing and paging machine

Snap-on cartridge, more simple and reliable

Adjustable inkjet concentration to meet different needs

Dual phase encoder guarantees high-quality printing

Support large capacity ink bags and continous ink supply system

Multiple brackets along with various installation methods to choose

Technical Parameters

Machine

Body material	Industrial stainless stell
Operating system	Embedded Operating System
Comm. Inteface	Network Interface USB/RJ45 to RS-232
Working Environment	Max Temp 55C Degrees/Humidity 30 to 70% RH
Power Supply	100 - 240 Volts AC 50-60Hz input/30Volts 4Amps DC outputs
Dimension controller	202mm x 119mm 61.2mm / Heas Holster 112mm x 79mm x 103mm
External interface	Photocell, Encoder, External Reverse/inverse control, Alarm outputs
Main Hardware	American TI A M3358 industrial grade CPU/ USA Xilinx Spant6 industrial grade FPGA/TIJ dedicated ASIC chip
Languages	Italian, English, French, Finnish, Arabic, Danish, German, Russian, Norwegian, Portuguese, Spanish, Japanese

Printing Head

Nozzle Type	Thermally feomable head TIJ2.5
Print Distance	2mm to 5mm
Print Accuracy	150DPI / 300DPI / 600DPI
Print speed	120m/min at 300DPI
Print height	Minimum 1mm / Maximum 25.4mm
Ink type	Aqueous or solvent based 42ml Cartridges CIS S
Ink color	Black, White, Red, Yellow, Blue, Green, Stealth, UV readable
Cartridge chip	Contactless RFID tags for automatic identification and recording ink paramenters and consumptions
Printable substrates	Cardboard, Plastic, Metal, Cables, Electronic components, Auto Parts, Industrial Chemical packaging, Pharmaceuticals and more
Print contents	Multi language characters, 2D code, Barcode, Images, Serial Numbers, Date, Counters, Variable Database, RS232 to receive real data to print

KODYKA
WORLD INKJET SOLUTIONS

Printers for marking and industrial coding.
Cartridges with TIJ 2.5 technology

www.kodyka.com