



High - speed Intelligent Online Ink Jet Printer



CWL



VELOCITY VEX

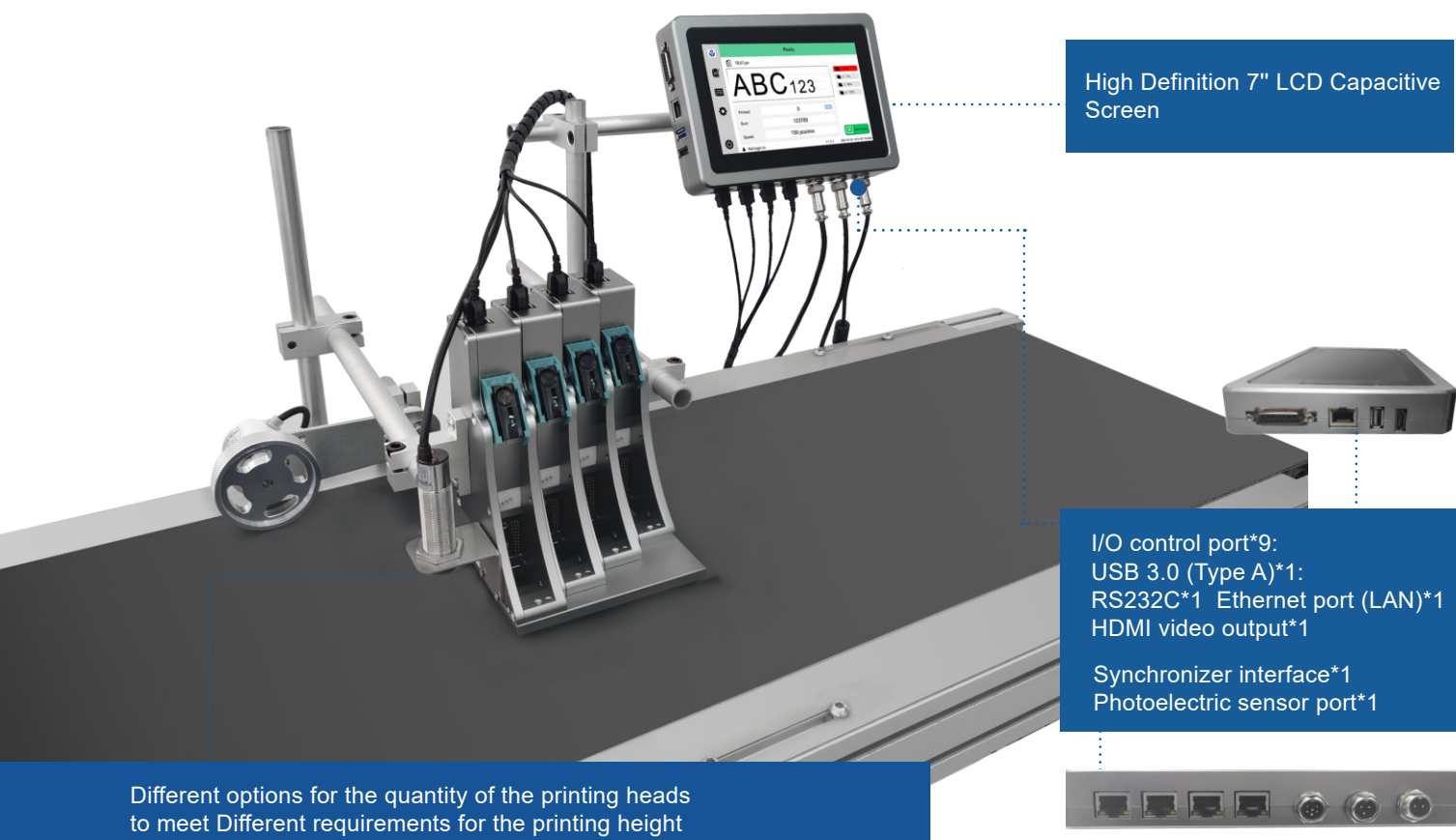
2026

Premium Edition

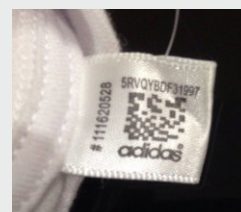
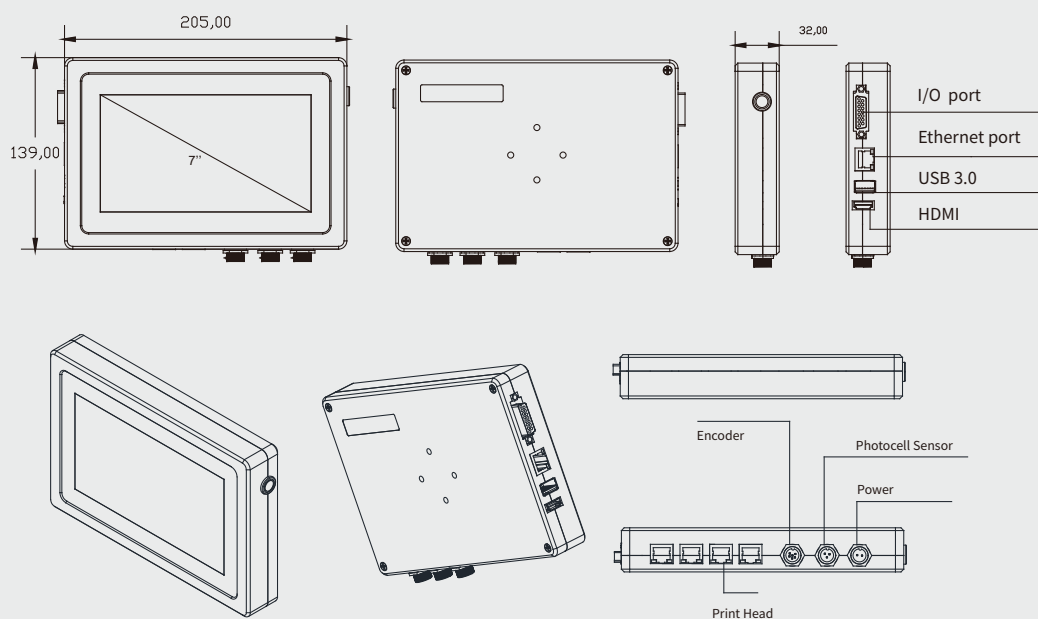


VELOCITY VEX

series



Product Dimensions



Velocity Intelligent Online Inkjet Printer

01 | Ultra-high-speed printing, supporting **300M/Min** QR code printing

Support hot-swap of ink cartridges and connecting cables, **replace ink cartridges** during printing

02

03 | **Self-developed software** system can realize various customized functions and rapid demand response

Gigabit Ethernet transmission more stable signal, the network cable can be extended

04

05 | Ink cartridge detection, **calculation of remaining** ink volume and number of prints

Printer could project the working status **onto a large screen display**

06

07 | **Rich I/O control ports** can achieve complex production line linkage printing requirements

Printer could be **connected to a computer** monitor to edit and print content

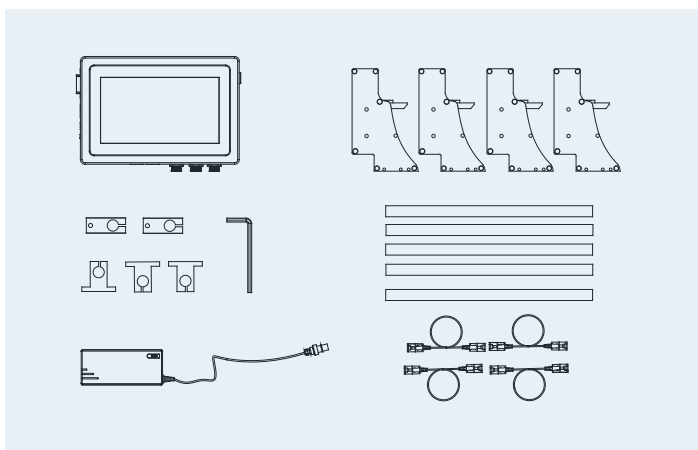
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Product advantages

Accessories List

Name	Quantity
1.Controller	1
.....	
3.Cable	(1-4)
.....	
5.Power cord	1
.....	
7.Bracket	1
.....	
8.Other accessories(U disk, stylus, tool screws, etc)	

Name	Quantity
2.Printing heads	1-4(on demand)
.....	
4.Power adapter	1
.....	
6.Photocell sensor	1
.....	
8.User manual	1
.....	
	1



Velocity Intelligent Online Inkjet Printer

Product Introduction

● Ink Color:Black, White, Red, Blue, Yellow, Green, Invisible, UV



Detailed parameters

Basic parameters

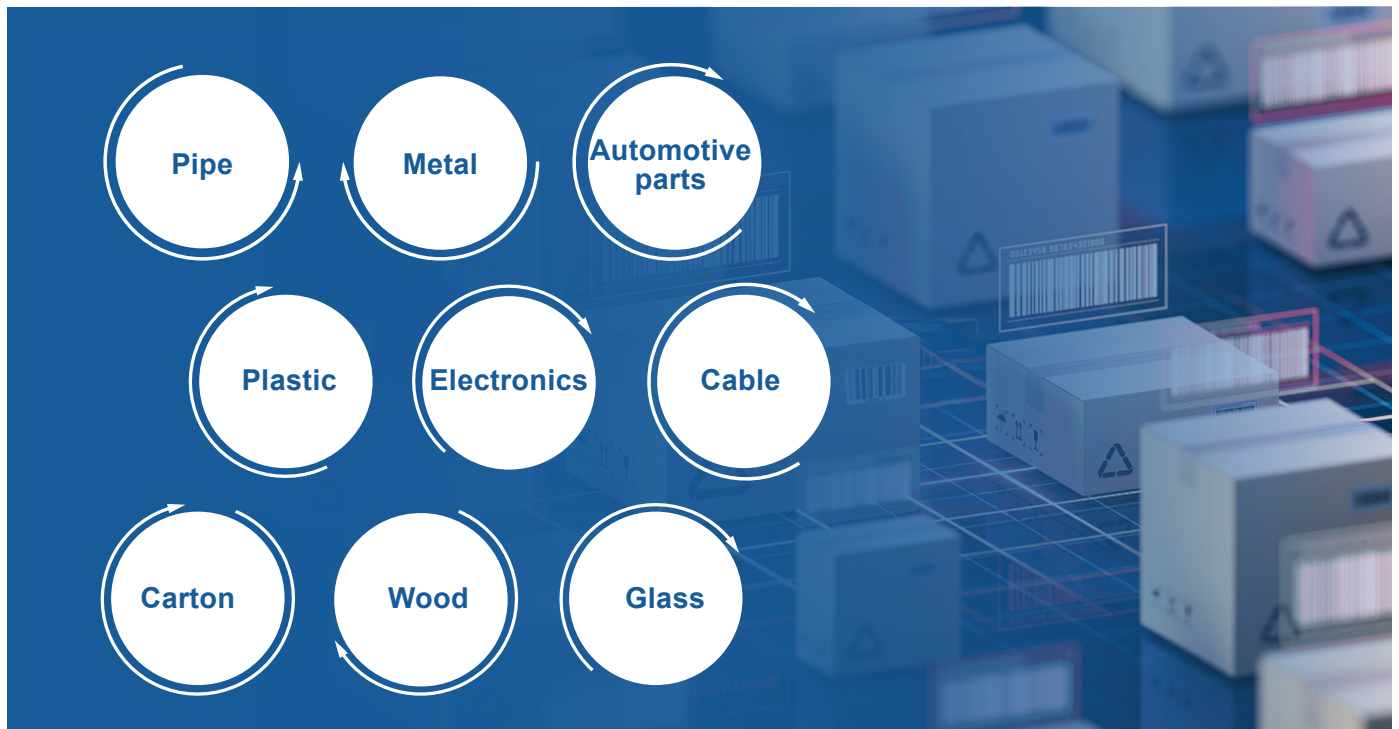
Printing parameters

Model	Velocity Vex2	Velocity Vex4	Printing DPI	Vertical maximum 600dpi (adjustable), horizontal maximum 600dpi (adjustable)
Number of nozzles	1-2	1-4	Printing speed	Maximum clarity<75 meters/minute, maximum speed>300 meters/minute
Controller weight/dimensions	/		Printing concentration	Can individually edit and control the ink output of the selected object
Maximum printing height	12.7mm/25.4mm	38.1mm/50.8mm	Printing distance	2-5mm can ensure the best printing quality
Machine material	aluminium alloy		Ink cartridge chip	HP original chip, automatically calculates and recordsink level, adaptive pulse width
Display	7-inch high-definition capacitive screen 1024 * 600		Ink management	Automatically identify ink model, adjust optimal parameters, and estimate ink usage
Operating System	Linux system		Ink cartridge type	HP2.5 technology ink cartridge
Processor	Quad-core		Applicable ink cartridges	Water based/solvent based/UV curing ink
Storage Information	4GB		Nozzle connection cable	Standard 1.5m, customizable: 5m, 10m, 15m, 20m, 25m, 30m

System information

Support font types	Built in font, custom font	Graphic code type	("Code 39", "Code 93", "Code 128", "CodeBar", "UPC-A", "UPC-E", "ITF14", "EAN8", "EAN13", "EAN14", "QRcode", "Data Matrix", "GS1-code128", "GS1-DMcode", "GS1-QRcode")
Date format	Customizable according to habits	External interface	1 power interface, 1 photoelectric sensor,1 Synchronous encoder,1 USB interface (expandable),1 HDMI interface,1 Ethernet interface, 1 serial RS232 interface, 9 I/O communications, 1-4 nozzle controls
Support database types	TXT	System counter	1-8 bits, can set the number of repetitions, step size, current value, start value, and end value, can be associated with I/O ports
Input interface type	Input x4, output x5	Operation permission management	Default Level 3: Unregistered, Administrator, Operator
Synchronous encoder	Suitable for single ended or differential encoders, with adjustable encoder diameter and pulse width parameters; Also supports analog signal input		
Photoelectric sensor	Suitable for various types of optical eyes, supporting analog signal input		
Language / Input Methods	Simplified Chinese, Korean, English, Thai, Vietnamese, Russian, Japanese, German, French, Italian, Spanish, Portuguese, Turkish, Arabic, Persian, Hebrew, Greek, Czech, Polish, Finnish, Hungarian)		
Power parameters	AC100-240V, 50/60Hz Output: DC24V 2.5A 60W standard power supply	Working environment	Temperature 0-45 ° C humidity 30-80% Rh

Velocity Intelligent Online Inkjet Printer



SAMPLE

Based on the previous model inkjet printer, the Velocity intelligent online inkjet printer has enhanced ink dot control to adapt to more inkjet fields and inkjet ranges.



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