COTAO®

H400A

High Printer Applicator

Industrial printing

Dual label sensor design, can achieve ±0.5mm position accuracy for small labels

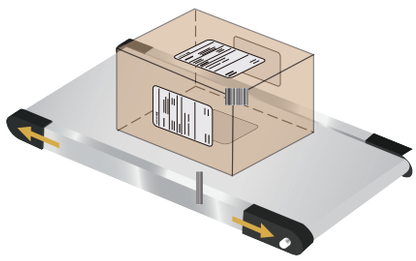
Side-opening ribbon and label loading, easy-to-replace print head and tool-free rubber roller

Print and apply, completely eliminate printing, coding, data association and labeling errors

Real-time communication with PLC, barcode scanner, machine vision, weighing, testing and other equipment

Through data interface, it can be seamlessly integrated into the cloud or ERP, WMS, MES and other business systems

Applicable to electronics, automobiles, pharmaceuticals and other mid-to-high-end manufacturing industries with strict supervision and perfect traceability system



Labeled Object **Product / Carton / Pallet / Flexible Package / Bag / Drum / Roll / Plate**

Labeling Position **Top / Side / Bottom**

Reliable labeling

C3.5 Printer applicator Micro-Controller, which can set, debug, monitor and automatically record the operation of the print and apply

Par-1 pneumatic tamp labeling actuator, high-speed and long-life components, adaptive to different labeling positions

Hd-11 Tamping labeling plate, can press labels on the labeled surface by contact or blow labels by non-contact

Fully transparent cover, convenient for observing the status of consumables and equipment

7x24 hours continuous, high-speed, fully automatic printing and labeling

Overall 304L stainless steel structure, used in harsh working

SPECIFICATIONS

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Labeling Specifications

Labeling Mode	Tamp-Blow
Applicator Stroke Length	300 mm
Valid Stroke Length	200 mm
Print and Apply Cycle	2.5 Second per Label [1]
Print and Apply Output	1200 Labels per Hour [2]
Labeling Tolerance	± 1 mm

Printing Specifications

Print Method	Thermal Transfer
Maximum Print Width	105.7 mm (4.16 inch)
Print Resolution	11.8 d / mm (300 dpi)
Print Speed	50 ~ 200 mm/s (2~8 ips)
Label Roll	40 / 76 mm I.D. , 245 mm O.D,
Ribbon Roll	25.4 mm I.D., 80 mm O.D, total ribbon length about 450 m
Command Language	Fingerprint (FP)、Direct Protocol (DP)、IPL、ZSim2 (ZPL-II)、DPL; XML for SAP® AII and Oracle® WMS
Barcode Symbologies	All major 1D and 2D barcodes
Support standards	UPC/EAN Shipping Container、UCC/EAN 128、Serial Shipping Container、MH10.8 Shipping Label、AIAG(shipping parts label)、OGMARS、POSTNET、HIBCC、ISBT128、GM1724、Shipping Label、Global Transport Label
Fonts	Monotype font engine; Non-Latin fonts supported by WTLE, and customers can download (Truetype) fonts
Graphic	PCX、PNG、GIF and BMP file format (Other formats are supported via Label Generation Tools)

Options and Accessories

Label Feeder	**6.00923**	**RFID** label printing module, supporting UHF EPC Gen 2 V2, ISO/IEC 18000-6C and RAIN RFID protocols
Labeling Actuator	**6.00564**	**Par-1** Pneumatic Tamp, stroke length 500 mm, valid length 400 mm
Labeling Plate [3]	**6.00880**	General Tamp-Blow, Applicable to labels size of 30 x 30 to 110 x 150 mm
	6.00637	**Hd-12** Blow, Customized by labels size
	6.00590	**Hd-13** Double Vacuum Tamp-Blow, Customized by labels size
	6.00543	**Hd-15** Arc Surface Tamp, Customized by labels size
	6.00614	**Hd-17** Flexible Tamp-Blow, Customized by labels size
Software [5]	**5.00051**	**OPEXE® Label 2.0** Label Design software
		OPEXE® Printing Distribute printing tasks in real time, monitor printing progress, and automatically save printing and labeling job records
		OPEXE® Scanning Supports print after scanning, scan after printing and scan after labeling three modes
		OPEXE® Weighting Real-time acquisition of data from scales or weighing modules for label printing
		OPEXE® Packing Collect the son-level barcode and automatically generate the father-level barcode label to establish a complete packaging genealogy relationship

Physical Characteristics

Operating Environment	Temperature +5℃~ +40℃, Humidity 20% ~ 85% R.H., non-condensing
Storage Environment	Temperature –20℃ ~ +70℃ Humidity 20% ~ 85% R.H., non-condensing
Electrical Power Supply	90-264VAC, 47-63 Hz,300W
Compressed Air Supply	90 psi., 3–6 cfm. Dry, particle–free, clean air
Dimensions	L 583 mm x H 855 mm x W 308 mm
Weight	25 kg

Warranty

Warranty	1 year
Printhead Warranty	6 months or 25 km, whichever comes first

Standard Configuration

Label Feeder	**6.00893**	**Mid-H4** 105.7 mm * 11.8 d/mm (300 dpi)
Labeling Actuator	**6.00564**	**Par-1** Pneumatic Tamp, stroke length 300 mm, valid length 200 mm
Labeling Plate	**6.00880**	**Hd-10** Tamp-Blow, Customized by labels size
Micro-controller	**1.00000963**	**C3.5** Printer applicator micro-controller
Standard Software	**5.00018**	**OPEXE® ACT3.5** Printer Applicator Management Software, can remotely set up, debug and monitor the operation of the printer applicator
Screen		2.36-inch keypad screen
Printer Interface		Ethernet 10M/100M, USB2.0
Applicator Interface		5-pin photoelectric input port, 4-pin alarm light output port, 10-pin I/O expansion port, Printer applicator micro-controller network port, Printer applicator micro-controller Firmware Update port, Printer applicator micro-controller RS232 port
Labeling Sensor		labeling pressure sensor, labeling proximity sensor, label drop sensor
Mounting Stand [4]	**6.00922**	**K-Base** Assemble Steel Pipe Stand with Casters
	6.00579	**T-Base** Fixed Height Welded Stand
	6.00548	**H-Base** Adjustable Moveable Welded Stand
	6.00533	**X-Base** Adjustable Moveable Welded Stand (X–Z Axis)
	6.00580	**Y-Base** Adjustable Moveable Welded Stand (Y–Z Axis)
	6.00326	**E-Base** Adjustable Moveable Welded Stand

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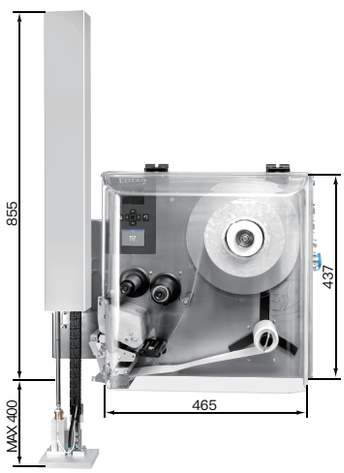
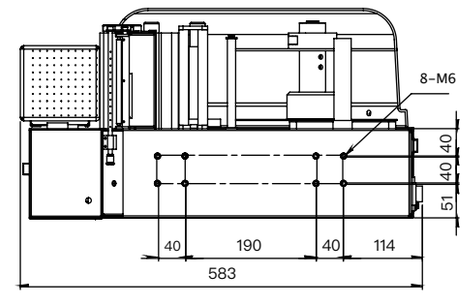
Print and Apply Engines





1. The actual print and apply cycle time is related to factors such as label size,stroke length, data processing and transmission time;
2. The actual print and apply output is related to the size change of the labeled objects , loading,unloading, sorting and positioning time;
3. Special labeling plates can be customized according to working conditions and customer needs;
4. Special stand or closed frames can be customized according to working conditions and installation requirements;
5. Printing and labeling application software and software integration interface can be customized according to customer needs;
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