

60A



Application **Carton / Pallet / Flexible Package / Bag / Roll / Plate**
Position **Top / Side / Bottom**

Reliable

Tamp-Blow labeling, wear-resistant thermal printhead, 365x24 hours continuous high-speed automatic operation

Durable

Robust structure with aluminum-alloy body, precise manufacturing, and excellent stability for long-lasting durability

Fast

Cotao ServoPrint technology up to 50 ppm labeling output

60A

a-Tamp GP Printer Applicator

Printing

Print Method	Direct Thermal
Print Resolution	11.8 d/mm (300 dpi) or 8 d/mm (203 dpi)
Maximum Print Width	148 mm (5.8 inch) or 104 mm (4.1 inch)
Maximum Print Speed	400 mm/s (15.7 ips)
Barcode Symbolologies	All major 1D and 2D barcodes
Graphic	BMP format

Computing

Print and Apply Software	OPEXE® CHI 1.0
Label Design Software	OPEXE® Label 3.0
Command Language	CPL (COTAO Print and Apply Engine Command Set), ZPL

Standard Configuration

Print and Apply Engine	6.00929 Hot 6R 148 mm x 11.8 d/mm, Direct Thermal, Right Hand
Labeling Actuator	6.00970 Par-1.3 a-Tamp, 300 mm stroke length
Labeling Plate	6.00958 Hd-11 Universal Vacuum-Blow Plate, 30 x 30 ~ 180 x 150 mm
Micro-controller	1.00007662 CC 7.0
Data Interface	Ethernet 1000Mbps, USB 2.0
Control Interface	3 pin photoelectric input 4 pin alarm output 10 pin I/O expansion port
Warranty	12 months
Printhead Warranty	12 months or 30 km, whichever comes first

Operating Characteristics

Operating Temperature	0°C ~ +40°C; 5% ~ 90%, non-condensing
Storage Temperature	-40°C ~ +80°C; 20% ~ 90%, non-condensing
Electrical Power Supply	90-264VAC, 47-63Hz, 600W
Compressed Air Supply	Pressure > 0.5 Mpa, Flow > 90L/min, clean, dry, particle-free air
Dimensions	L 791 mm x H 689 mm x W 438 mm
Weight	60 kg

Labeling

Labeling Mode	Tamp-Blow
Stroke Length	100 ~ 600 mm
Valid Stroke Length	70 ~ 570 mm
Print and Apply Cycle Time ¹	1.5 Second per Label
Print and Apply Output ²	2000 Labels per Hour
Labeling Tolerance	± 2 mm
Label Roll	76 mm I.D., 400 mm O.D., total length about 900 m
Label Types	Paper or film die-cut pressure-sensitive adhesive labels
Media Thickness	0.076~0.254 mm (3 ~ 10 mil)
Label Width	30 ~ 180 mm
Label Length	30 ~ 300 mm

Options and Accessories

Print and Apply Engine	6.00969 Hot 6L 148 mm x 11.8 d/mm, Direct Thermal, Left Hand
	6.01057 Hot 6R 104 mm * 8 d/mm, Direct Thermal, Right Hand
	6.01058 Hot 6L 104 mm * 8 d/mm, Direct Thermal, Left Hand
Labeling Actuator	6.00562 Par-1.2 Air Tamp, 300 mm stroke length or customized
Labeling Plate ³	6.00577 Hd-10 Customized Vacuum-Blow Plate by labels sizes 6.00590 Hd-13 Customized bi-Vacuum-Blow Plate by labels sizes
HMI	6.01030 10 inch Touch Screen Panel PC with Linux OS 12+ inch Touch Screen Panel PC with Windows OS
Mounting Stand ⁴	6.00922 K-Base Assemble Steel Pipe Stand with Casters 6.00579 T-Base Fixed Height Welded Stand, customized 6.00548 H-Base Manual Adjustable Welded Stand, customized 6.00533 X-Base X-Z Manual Adjustable Welded Stand, customized 6.00580 Y-Base Y-Z Manual Adjustable Welded Stand, customized 6.00324 E-Base Electric Adjustable Welding Stand, customized
Software ⁵	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

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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10-inch touchscreen tablet

COTAO®

Print Engines

