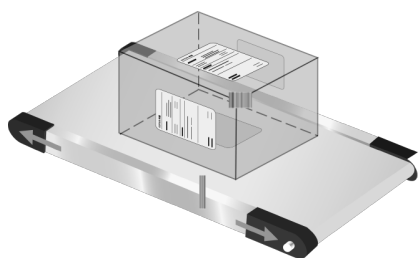


Z60A

Tamp-Blow Grand Printer Applicator



Application **Carton / Pallet / Bag / Drum / Roll / Plate**

Position **Top / Side / Bottom**



Industrial-grade Print Engine

- Zebra industrial-grade print engine, high quality and reliability
- Up to 40 labels of printing and applying per minute
- Labeling accuracy ± 1 mm
- Print-and-apply mode, completely eliminating coding, printing, data association and labeling errors
- 7x24 hours continuous, high-speed, fully automatic printing and applying

Tamp-Blow Labeling

- High-speed, long-life pneumatic labeling actuator, suitable for different labeling positions
- Tamp-blow labeling plate can blow labels on the labeling surface without contact
- Labeling pressure sensor and label drop detection sensor optional
- Automatically detect and trigger print and apply
- Applicable to top, side or bottom labeling

Embedded Computer

- Embedded computer, integrated labeling action control and printing data processing
- OPEXE® ACT3.5 printer applicator management software, can remotely configuration and automatic monitoring of machine operation
- Real-time communication with PLC, barcode scanner, machine vision, weighing, detecting and other equipment
- User-defined barcode label templates and variable data sources
- Seamlessly integrated into main systems such as ERP,WMS through ODBC, XML or other data interfaces

SPECIFICATIONS

Z60A

Tamp-Blow Grand Printer Applicator

Labeling Specifications

Labeling Mode	Tamp-Blow
Applicator Stroke Length	300 mm
Valid Stroke Length	270 mm
Print and Apply Cycle Time ¹	1.5 Second per Label
Print and Apply Output ²	1500 Labels per Hour
Labeling Tolerance	± 1 mm

Printing Specifications

Print Method	Thermal Transfer
Maximum Print Width	104 / 168 mm (4.09 / 6.6 inch)
Print Resolution	203 / 300 / 600 dpi
Ribbon Roll	25.4 mm I.D., 106.3 mm O.D, total ribbon length about 600 m
Command Language	ZPL & ZPL II, Zebra programming languages, provide advanced label formatting capabilities and printer control
Barcode Symbolologies	1D Codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2- or 5-digit extensions, Plessey, Postnet, Standard 2-of-5, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Codabar, and Planet Code 2D Codes: Codablock, PDF417, Code 49, DataMatrix, MaxiCode, QR Code, TLC 39, MicroPDF, RSS-14 (and composite codes), Aztec
CPU	Quad-core 1.2GHz processor, 1GB RAM
Screen	7-inch color touch screen, resolution 1024x600
Environment	Built-in Linux operating system and open source database

Options and Accessories

Label Feeder	6.00600 Mid-Z6 Grand Label Printer and Feeder, Thermal Transfer, 104 mm * 203 / 300 / 600 dpi, 168 mm * 203 / 300 / 600 dpi right / left hand	Labeling Sensor	Labeling pressure sensor / Labeling proximity sensor / Label drop sensor
Labeling Actuator	6.00564 Par-1 Tamp-Blow, stroke length 500 mm or customized	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 Manual Adjustable Welded Stand 6.00533 X-Base Manual Adjustable Welded Stand (X-Z Axis) 6.00580 Y-Base Manual Adjustable Welded Stand (Y-Z Axis) 6.00324 E-Base Electric Adjustable Welded Stand
Labeling Plate ³	6.00880 Hd-11 General Tamp-Blow, Max labels size 180 x 300 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 0°C~ +40°C, Humidity 20% ~ 95% RH, non-condensing
Storage Environment	Temperature -40°C ~ +71°C Humidity 5% ~ 95% RH, non-condensing
Electrical Power Supply	90-264VAC, 47-63 Hz
Compressed Air Supply	90 psi., 3-6 cfm. Dry, particle-free, clean air
Dimensions	750mm(L) x 480mm(W) x 550mm(H)
Weight	60 kg

Warranty

Warranty	1 year
Printhead Warranty	3 months or 30 km, whichever comes first

Standard Configuration

Label Feeder	6.00553 Mid-Z6 Grand Label Printer and Feeder, 104mm * 300dpi, Thermal Transfer, Right Hand
Labeling Actuator	6.00562 Par-1 Pneumatic Tamp, stroke length 300 mm, valid length 270 mm
Labeling Plate	6.00577 Hd-10 Tamp-Blow, Customized by labels size
Micro-controller	1.0000964 C3.5 Printer applicator micro-controller
Standard Software	5.00018 OPEXE [®] ACT3.5 Printer Applicator Management Software, which can remotely set, debug and monitor the operation of the print and label machine
Printer Interface	TCP/IP Ethernet port, RS232 serial port, USB2.0 port, barcode scanner data interface, weighing equipment data interface
Applicator Interface	RS232 labeling control card communication port, 10-hole I/O input and output (including input signals for starting printing and labeling, output signals such as labeling completion and labeling error), external VGA display interface, external audio interface. 4-hole alarm light output, 3-hole photoelectric input, DB25 expansion I/O port (including input signals such as product in place, output signals such as system ready, ribbon exhausted, label exhausted, printer error, alarm, external cylinder start, etc.)

1. The actual print and apply cycle time is related to factors such as label size, stroke length, data processing and transmission time;
3. Special labeling plates can be customized according to working conditions and customer needs;
5. Printing and labeling application software and software integration interface can be customized according to customer needs;
7. We reserve the right to amend the design and/or specifications of our products without notice.

2. The actual print and apply output is related to the size change of the labeled objects , loading,unloading, sorting and positioning time;
4. Special stand or closed frames can be customized according to working conditions and installation requirements;
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Print Engines

