

Main features



Printing type



Barcode



Logos



Alphanumeric text

Maximum height



0-15 mm



16-100 mm



Above 100 mm

Printing surfaces



Primary packaging



Secondary packaging



Raw material

- Printing range from 5 mm up to 190 mm.
- Stainless steel structure AISI 304 with 10,1" TFT full color LED touch-screen.
- Coding on every type of substrate thanks to fast dry and high adhesion inks.
- Independent management of up to four 7 or 16 dot, or two 32 dot, or one 48 dot high speed solenoid printheads.
- ORKESTRA revolutionary management software with customizable user interface for single operator.

Z408

TECHNICAL SPECIFICATIONS



PRINTING CHARACTERISTICS

- Management of up to four 7 or 16 dot, or two 32 dot, or one 48 dot printheads
- Up to 10 printing lines
- Print height from 5 to 190 mm (0,20" – 7,48")
- Line speed capability: up to 180 mt/min (591 ft/min)
- Printing rate: up to 266 ct/sec
- Up to 6800 strokes per message
- Messages and logos storage: up to 4 GB with expandable micro SD memory
- Fixed and variable text fields types (automatic or external)
- Available fonts: 5x4, 5x5, 6x4, 7x4, 7x5, 9x5, 9x7, 10x8, 12x10, 16x10, 24x16, 32x18 and True Type
- Logos, shapes and lines easy and quick creation through touch-screen display
- Automatic date, time, offsets and expiry date multifunction
- Incrementing/decreasing alphanumeric products counter up to 9 digits
- Metric repeat print-message function
- Customizable message repeat with single print start
- Field orientation: 0°, 90°, 180°, 270°
- Tower print function (Text rotation of 90°)
- Coding throw distance up to 35 mm (1,37")

BARCODES

- 2/5 Industrial, UPC-A, CODE 39, EAN 13

CONTROL UNIT CHARACTERISTICS

- 10,1" TFT full color anti-reflection high contrast LED touch-screen
- Stainless steel structure AISI 304
- Printhead-console distance: up to 10 mt (33 ft)
- Support on rubber feet

GENERAL FEATURES

- Exclusive customizable user interface for single operator (functionality, language and alphabets)
- Intuitive user interface with graphic icons
- Innovative graphic editor with stretch and drag&drop
- User interface and virtual keyboard with foreign languages and alphabets
- Purge and calibration per single dot
- Message storage with file name
- Print parameters storage in the messages
- Message dimension check before print
- Multi-level access with login
- Real time throughput counter
- Online help and user manual with contextual photos and videos

PRINTHEADS

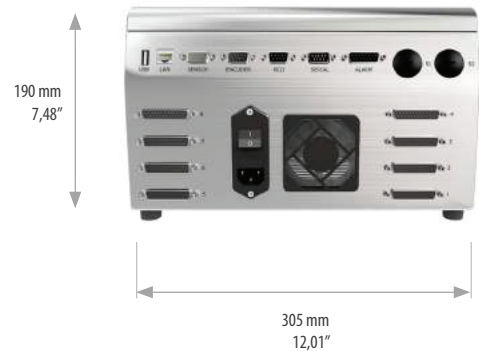
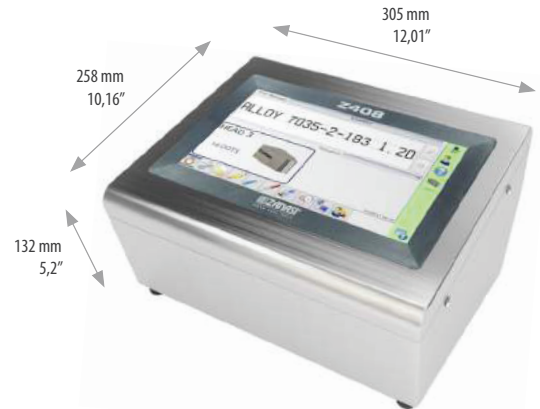
- High efficiency Solenoid technology
- Stainless steel structure AISI 304
- Fast dry and high adhesion inks
- Stainless nozzle plate AISI 304
- High precision nozzles made of synthetic ruby
- Dimensions 7 dot printhead: 230 mm x 80 mm x 45 mm (9,0" x 3,15" x 1,80")
- Dimensions 16 dot printhead: 230 mm x 80 mm x 85 mm (9,0" x 3,15" x 3,35")
- Dimensions 32 dot printhead: 230 mm x 80 mm x 154 mm (9,0" x 3,15" x 6,06")
- Dimensions 32 dot misaligned printhead: 230 mm x 80 mm x 139 mm (9,0" x 3,15" x 5,47")
- Dimensions 48 dot printhead: 230 mm x 80 mm x 213 mm (9,0" x 3,15" x 8,38")

EXTERNAL CONNECTIONS

- Serial connection RS232
- Ethernet interface for LAN 10/100 connection
- USB port version 2.0
- Sensor management for product reading
- Shaft Encoder input for variable speed production lines
- External alarm outputs for low ink level
- Parallel interface BCD, 6 bit
- Configurable I/O ports

ENVIRONMENT/ELECTRICAL REQUIREMENTS

- Temperature: 0° - 50°C (32°-122°F)
- Humidity: 0-90% (non-condensing)
- Single phase, 85-240Vac, 50-60Hz, 400VA
- Single phase, 85-240Vac, 50-60Hz, 800VA (more than 32 dots)



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