

Z640



high definition

- ▶ Unrivaled 12,1" touch screen panel with SVGA TFT-LCD (800x600) colour display
- ▶ Suitable to drive simultaneously up to two ultra HI-DEF printheads either 102mm (4") or 50mm (2")
 - ▶ Total package coding with 102mm tall single piezoelectric printhead
- ▶ Ultimate electronics with integrated and shock resistant 2,5" SSD (Solid State Disk) technology
 - ▶ New DotNet programming software for an easy integration with advanced network management software
 - ▶ High contrast patented inks (solvent free) for 100% scannable bar codes
- ▶ Innovative printhead heater system ensures optimum performance in arduous industrial environments



Technical specifications

Z640

Printing Features

Drives simultaneously up to 2 printheads either 102mm (4") type (T768) or 50mm (2") type (T384)
Line speed capability: up to 90 mt/min (295 ft/min)
Available fonts: all Windows True Type
Bold factor: up to 6 times
High quality graphic images printing
Message storage: up to 3GB on FLASH memory disk
Automatic date, time, offsets and expiry date multifunctions
Basic shape drawing
Incrementing/decreasing product counters up to 9 digits
Repeat print - message function
Printing in all moving directions
Fixed and variable text field types

Bar Codes

2/5 Industrial • UPC-A • CODE 39 • CODE 93 • EAN 13 & EAN 8
• UCC/EAN-128 • CODE 128 • ITF (A,B,C)
• 2D - Data Matrix • Others available on request

Construction characteristics

Stainless Steel structure AISI 304 - IP54 rating
Printing head - console distance: up to 5 mt (16,4 ft)

General Features

Easy message creation through an advanced editor
Intuitive, graphical user interface with a 12,1" SVGA full colour touch-screen panel
Print parameters stored within each message
Report function for executed printing counter
Automatic printing cost calculation
Operator Multi - Level password access
Operator selectable foreign language prompts
Communication to advanced management software
Windows XP Embedded operative system
Fanless native 1GHz microprocessor with 1GB RAM storage

Printhead

Stainless steel structure AISI 304
Industrial Piezoelectric technology
Horizontal resolution up to 300 Dpi
Vertical resolution up to 192 Dpi
Stainless steel AISI 316 single orifice plate
Serviceable and replaceable nozzle group
Pigmented inks, solvent free
Innovative robust shock and vibration proof system
Innovative purge system (Automatic Maintenance Purge Module™)
Innovative printhead heater system ensures optimum performance in arduous industrial environments
Dual ink feed improves flow rates for high printing speed and smooth ink delivery
Dimensions printhead T768: 215 mm x 60 mm x 150 mm (8,5" x 2,4" x 5,9")
Dimensions printhead T384: 175 mm x 50 mm x 100 mm (6,9" x 2,0" x 3,9")

External Connections

Ethernet interface for LAN connection 10/100 Mbit
Optical sensor for product detection
Parallel interface BCD
System Ready output
Shaft encoder input for variable speed production lines
External alarm outputs with traffic light column
Scanner connection for printed bar code validation
N°2 USB port version 2.0
N°2 Serial port RS232

Environment/Electrical requirements

Temperature: from 5° to 45°C (40°-113°F)
Humidity: 0 - 90% (non-condensing)
Single Phase, 80-240Vac, 50-60Hz, 100VA



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800-840-9573 INTL 520-777-3360

EMAIL: sales@busch-machinery.com

WEBSITE: http://busch-machinery.com