

# S Series<sup>™</sup>

## Thermal, On-demand Metal Bar Code Printers

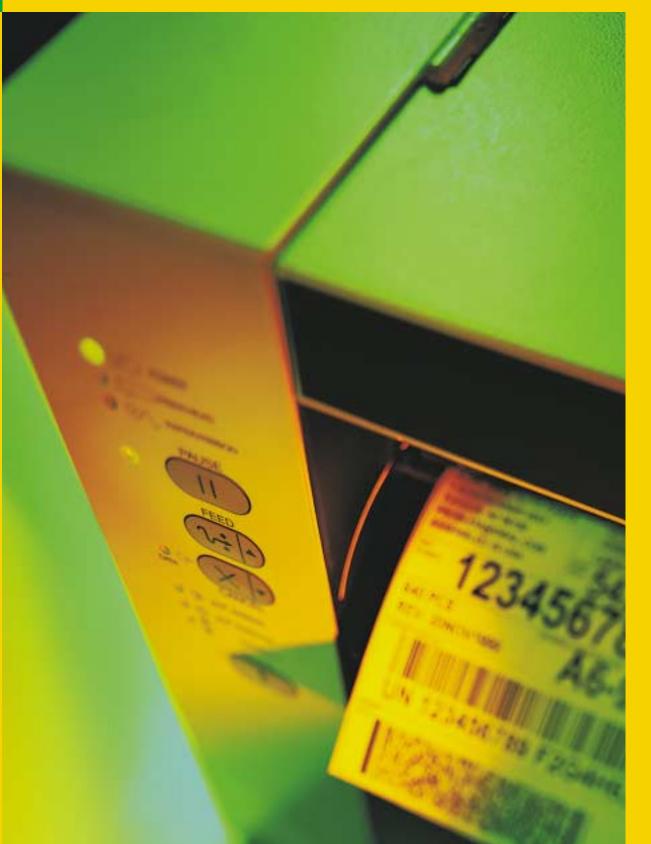
# All-metal printers fit your industrial applications and your budget.

The 105*Se*<sup>™</sup> and 160*S*<sup>™</sup> are two of the most versatile printers. Their simple operation and sophisticated capabilities meet the needs of both first-time and experienced users. With options including 300dpi on the 105Se, these popular, flexible printers meet your specific application requirements, adapting when your needs grow or change.

## **Sturdy Construction**

S Series printers provide maximum durability in industrial work environments. The metal construction of the printer housing, drive gears and other critical components assures dependable performance, even when used in moderate to heavy duty cycle printing.





# S Series<sup>™</sup>

## **Maximum Durability**

- Industrial, 12/14-gauge steel frame construction
- Dependable for even moderate to heavy duty printing

## **Application Flexibility**

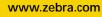
- Connection to any common PC or host computer via serial, parallel or optional ZebraNet\* 10 Base-T Ethernet ports
- Label registration on black mark (optional on 105*Se*) or die-cut media using dual media sensors
- Can print labels up to 7.2" /182.8mm wide (160S only)
- Economically priced

## Options include:

- Internal rewind
- Choice of print resolutions (105*Se*): 152, 203 or 300dpi
- Full-width cutter
- Selectable serial/parallel port
- Label peel with liner rewind

### For more information

Contact your Zebra representative for additional printer specifications. For information on Zebra's other printers, supplies, software and accessories, ask your reseller, call +1 800.423.0442, or visit our Web site.





### Zebra Bar Code Products

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## **Other Locations**

United States: California, Florida, Rhode Island, Utah, Wisconsin Europe: France, Germany, United Kingdom Asia: Hong Kong, Japan, Seoul, Singapore



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#11215L(8/00)10M

## **Standard Features**

- Print methods: Thermal transfer or direct thermal
- Construction: 14-gauge (105Se) and 12-gauge (160S) steel frame
- Transmissive media sensor
- Reflective media sensor (160S only)
- Zebra's E<sup>3®</sup> Printhead Energy Control

## **Operating Characteristics**

## Environment

- Operating Temp. 41°F/5°C to 104°F/40°C
- Storage Environ. -40°F/-40°C to 140°F/60°C
- Operating Humidity 20-85% non-condensing
- Storage Humidity 5-85% non-condensing

## Electrical

## Selectable

• 115VAC+15/-20%; 5 amp. fused 48-62 Hz • 230VAC+/-15%; 3 amp. fused 48-62 Hz

# Media Characteristics

For optimum print quality and printer performance. use Genuine Zebra supplies.

## Labels

Max. Roll Size • 8"/203mm O.D. on a 3"/76mm I.D. core

- Thickness (label & liner)
- .003"/.076mm-.012"/.305mm
- Media Type
- Continuous, die-cut, black mark-(160S only)

## Fonts/Graphics/Symbologies

## Fonts and Character Sets

- Standard Fonts: 7 bitmapped, 1 smooth scalable (CG Triumvirate<sup>™</sup> Bold Condensed)
- Sets: IBM<sup>®</sup> Code Page 850 International character set · Optional European and Asian font sets

## **Graphic Features**

- · Supports user-defined fonts and graphics-including custom logos
- ZPL II drawing commands—including boxes and lines

# **Options and Accessories**

- 152/203/300dpi printhead resolution selection (105*Se* only)
- Full-width rotary cutter with orderable catch tray (105Se only)
- · Peel/liner rewind (for print-and-apply)

# Zebra Programming Language (ZPL® & ZPL II®)

• Universal language for Zebra printers. Simplifies label formatting and enables seamless compatibility with other Zebra printers.

# **Communication Interface Capabilities**

• Centronics<sup>®</sup> parallel or RS-232 serial ports; 110-19, 200; selectable BAUD rate, parity, data bits, XON-OFF/DTR protocol

## Agency Approvals

• UL 1950; CISPR 22 (Class B); CSA 950; IEC 950; 801-2, -3 and -4 standards; Canadian Doc. (Class A); FCC (Class A); CE compliance

# Ribbons

- Ribbon is recommended to be at least as wide as media.
- Max. Roll Size • 3.2"/81.3mm O.D. on a 1"/25.4mm I.D. core
- Standard Lengths • 984'/300m-1,476'/450m; provides 2:1 & 3:1
- media roll to ribbon ratios Ribbon Set-up
- · Ribbon wound ink side out

## Bar Code Symbologies

Full roll rewind

BAR-ONE<sup>®</sup> software

· European and Asian font sets

Fan-fold bin

- Linear Bar Codes: Code 11, Code 39, Code 93, Code 128, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digital extensions, Plessey, POSTNET, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
- DataMatrix, Maxi Code, QR Code

· ZebraNet PrintServer II (for Ethernet connectivity)

- Two-Dimensional: CODABLOCK, PDF-417, Code 49,

105*Se* 

Both the 105Se and 160S (ideal for applications requiring wide width/multiple up labels) are perfect for moderate to high volume printing needs in manufacturing and industrial applications, including:

- Shipping/Receiving
- Compliance labeling, such as AIAG and ODETTE
- Product labeling (Part ID etc.)

# 105*Se*

# Maximum Print Area

Width: 4.09"/103.9mm Length with 152dpi: 65"/1,651mm (with standard memory) Length with 203dpi: 37"/940mm (with standard memory) Length with 300dpi: 16"/406mm (with standard memory)

## Resolutions

152dpi/6dots/mm, 203dpi/8dots/mm, 300dpi/12dots/mm

## **Maximum Print Speeds**

6"/152mm per second (152/203dpi) 4"/102mm per second (300dpi)

Memory Standard: 1MB DRAM

## **Physical Characteristics**

Width: 10.5"/267mm Depth: 18.9"/480mm Height: 15.4"/391mm Weight: 43lbs./19.5kg

## Media Specifications

Label and liner width: .79"/20mm-4.52"/115mm Ribbon width: .79"/20mm-5.31"/134.8mm



Work-in-process

160*S* 

Warehouse inventory/Shelf labeling

# 160*S*

## Maximum Print Area Width: 6.3"/160mm

Lenath: 24"/610mm (with standard memory)

Resolution 203dpi/8dots/mm

Maximum Print Speed 6"/152mm per second

Memory Standard: 1MB DRAM

# **Physical Characteristics** Width: 13.1"/333mm Depth: 18.9"/480mm Height: 15.4"/391mm

Weight: 55lbs/25kg

# Media Specifications

Label and liner width: 2"/51mm-7.2"/183mm Ribbon width: 2"/51mm-6.9"/175mm

\*Specifications listed are for base model printers with standard features only unless otherwise noted. Specifications subject to change without notice. All product and brand names are trademarks of their respective companies. All rights reserved.

