

# PRINTRONIX®

## S809

SERIAL DOT MATRIX PRINTER

# FAST / QUIET / TOUGH





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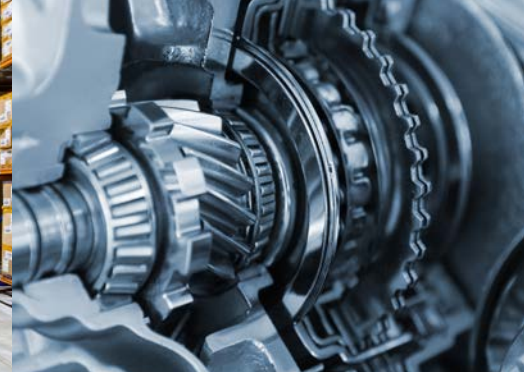
# S809

**Reliable, industry leading 24-pin price/performance built to be the toughest, fastest and quietest in its class.**

## FAST & TOUGH

The Printronix S809 Serial Matrix Printer combines 900 cps print speed performance (@ 10 CPI) with best in class printhead life, workload capacity, and reliability (MTBF) so you can meet & exceed your output requirements while maintaining the lowest possible cost of ownership. In addition, the primary & secondary front feed forms paths use heavy-duty 6-pin tractors for optimal zero-tear forms feeding reliability on up to 8 part forms, and the extended life ribbon delivers 25% more yield than most competitive offerings.





## QUIET

At 54dBA the S809 delivers best in class acoustics. Around 50% quieter than leading competitors, it is unrivaled in noise reduction. The S809 also boosts ease of use through a high-function, multi-lingual operator interface, and minimizes user intervention through fully automated & customizable forms handling - auto load, eject & restore, park, and forms thickness adjust. Additionally, standard Ethernet, USB, Serial & Parallel allow for flexible placement. To assist IT with managing larger install bases of distributed printers, the S809 also includes a powerful remote printer management utility for real-time status updates, remote configuration of multiple printers, and access to a fully functional virtual operator panel.

### HIGHLIGHTS:

- » 900 CPS @ 10 CPI
- » Lowest noise level in its class: 54dBA
- » Best in class 800M character printhead life
- » Extended ribbon life: 25M Characters
- » Automated and configurable zero-tear form feeding minimizes user intervention
- » Powerful remote printer management
- » Robust multi-lingual operator panel
- » Optional second front feed tractor available
- » Standard Interfaces: parallel, serial, USB & Ethernet
- » Wide format: 136 columns
- » Heavy duty 6-pin tractors deliver superior form feed reliability on up to 8-part forms
- » Open pedestal (optional)



# S809 Specifications

## PRINT TECHNOLOGY

24-Pin serial dot matrix printer – 136 columns @ 10cpi

## THROUGHPUT (ISO/IEC 10561 @ 10 CPI)

DIN Letter Up to 660 PPH  
Spreadsheet Up to 450 PPH

(PPH = pages per hour)

## THROUGHPUT (DRAFT MODE @ 10 CPI)

40 CPL 450 LPM  
80 CPL 330 LPM  
136 CPL 250 LPM

(CPL = characters per line / LPM = lines per minute)

## PRINT SPEED @ 10 / 12 / 15 CPI

HSD 900 CPS  
Draft 800 / 960 / 1200 CPS  
Best Draft 400 / 480 / 600 CPS  
NLQ 267 / 320 / 400 CPS  
LQ 133 / 166 / 200 CPS

(CPS = characters per second)

## LINE LENGTH (NUMBER OF CHARACTERS)

10 CPI – 136 17.1 CPI – 233  
12 CPI – 163 20 CPI – 272  
15 CPI – 204 24 CPI – 326

(CPI = characters per inch)

## MEDIA HANDLING

Front feed 6-pin tractor with jam sensor. Optional second front feed 6-pin tractor with jam sensor.

## MEDIA SPECIFICATIONS

Media Type Continuous form, front loading  
Width 76 to 432 mm (3" to 17")  
Length 78 to 610 mm (3" to 24")  
Max Thickness 0.635mm (0.025")  
Copies 1+7  
Weight Top form: 55 to 150 g/m<sup>2</sup>  
Attached sheet: 45 to 75 g/m<sup>2</sup>

## HORIZONTAL SPACING

10, 12, 15, 17.1, 20, 24 CPI & proportional

## VERTICAL SPACING

6, 8, 12 lines per inch  
3, 4, 6, 8, 12 lines per 30mm

## GRAPHICS RESOLUTION (DPI)

Horizontal 60, 80, 90, 120, 240, 360  
Vertical 60, 72, 180, 360

(DPI = dots per inch)

## FONTS

Draft, Courier, Gothic, OCR-A, OCR-B, Prestige, Script, Presentor

## BARCODES

Codabar, UPC-A, UPC-E, EAN-8, EAN-13, UPC/EAN ADD-ON 2 and 5, Code 2 of 5, Code39, Code128, Code11, Code93, CodeGP, CodeBCD, C25-3BAR, Postnet, MSI, Intelligent Mail barcode

## MEMORY

Input buffer 128 Kb

## CONNECTIVITY

Standard USB 2.0 / Parallel / Serial RS232 / Ethernet 10/100

## RIBBON LIFE

Extended Life Ribbon: 25 Million Characters

## PRINTHEAD LIFE

800 Million Character Yield

## WORKLOAD

Pages per month: 57,000

## PHYSICAL DIMENSIONS & WEIGHT

Dimensions (LxWxH): 450 x 700 x 320 mm / 17.7 x 27.5 x 12.6"  
Weight: 21 Kg / 46.3 lbs

## POWER REQUIREMENT

100 - 240V, Auto Range, (60 Hz - 50 Hz)

## RELIABILITY

MTBF: 20,000 hours

## SOFTWARE

Remote Printer Management Utility

## POWER CONSUMPTION

120W Printing, 30W Standby

## OPERATING ENVIRONMENT

Temp 10° to 40.6°C (50° to 105°F)  
Humidity 10% to 90% Relative Humidity  
Storage Temp -35° to 65°C (-31° to 149°F)  
Humidity 5% to 95% Relative Humidity  
Noise <54dBA

## DRIVERS

Win10 (32/64), Win8 (32/64), Win7 (32/64), WinServer2008 (32/64), Win2003 (32/64), WinNT, 2000-WinXP, 98\_ME, Vista

## EMULATION TYPES

Epson® ESC/P LQ Series / IBM® Proprinter XL24 / IBM Personal Printer 2391 / ANSI 3.64, S809 native commands

## SPECIAL FUNCTIONS

Auto paper path switching via operator panel or software commands. / Auto gap adjust for forms thickness. / Auto fanfold position for zero tear-off. / Auto paper parking of continuous forms.

**PRINTRONIX**  
WHEN RELIABILITY COUNTS  
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