

MICROLINE® 8810 Series

**OKI**<sup>®</sup>  
PRINTING SOLUTIONS



The new standard in intelligent impact printing

ML8810  
ML8810n





## Experience the breakthrough in technological innovation that allows greater functionality and accuracy in all your impact printing applications.

### Highlights:

- Dual 9-pin (18-pin) Impact printhead for near-letter quality output
- Fast 720 characters-per-second print speed for increased productivity
- Crisp, clear printing – even on last page of an 8-part form
- Handles a wide variety of media, including multi-part forms, cut sheets, and slips
- Legendary OKI Printing Solutions reliability
- Auto Skew Correction – “straightens” hand-fed sheets before feeding them into the printer
- Location-Free Paper Loading – enables feed of cut sheets and slips anywhere along the printer table
- Auto Head Gap – senses paper thickness and adjusts to ensure best-quality output
- Co-resident MICROLINE®, IBM® and Epson® emulations
- Auto Load and Zero-Form Tear
- Easy-to-read LCD panel
- High-speed USB and parallel ports, standard; 10/100 Base-T internal Ethernet (ML8810n); serial interface optional (ML8810 only)
- Standard front push tractor; optional rear push tractor and cut sheet feeder

### All you can want in a forms printer—and more.

If your environment demands a fast, versatile and reliable forms printer to get you through the daily grind, here's the ideal solution.

The MICROLINE® 8810 Series Impact printers from OKI Printing Solutions moves easily through a stack of multi-part continuous forms, report media and single sheets at a pace that will keep your business moving.

You can feed it manually, by push tractor or optional cut sheet feeder—front and back. And you can rely on it to deliver crisp, near-letter quality output day in and day out, in the tradition of Impact printers from OKI Printing Solutions.

Together, these features save paper and time, while enhancing your productivity.

#### Built to perform relentlessly and with style

We've designed the ML8810 Series for durable output. Both models have a printhead impact force that allows even the last page of an 8-part form to read clearly, and a reliability rating of 10,000 hours MTBF.

As for printing style, the ML8810 has plenty of that: its Dual 9-pin printhead renders type styles with high quality, clearly producing underlines,

subscripts and superscripts, as well as double-high, double-wide letters.

#### Simple operation, flexible connectivity

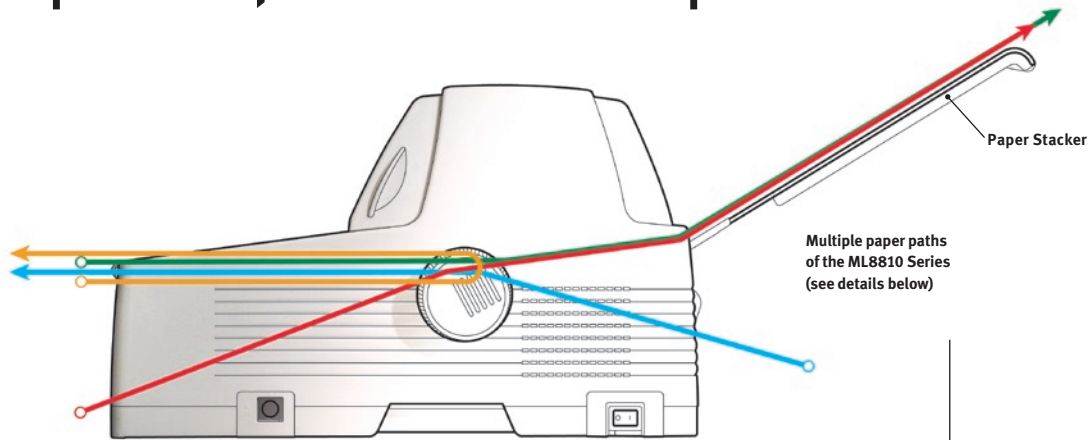
The ML8810 is as uncomplicated as it is powerful... and versatile... and durable. It's simple to operate, with an uncluttered control panel. At the touch of a button you can change the paper feed from auto to manual, the printing mode from Normal to Quiet, and the output direction from front to back. It also has a backlit LCD display that allows you to quickly assess printer status, print mode, current paper path, and manual printhead gap selection.

Its rugged durability, low profile and even lower noise level make the ML8810 a perfect fit for the shop or back office. And, when it comes to connectivity, the ML8810 lets you decide how best to access it: choose from high-speed USB or parallel ports, standard—or get the optional serial or Ethernet interface and share the printer's exceptional performance on your network.

#### The MICROLINE 8810 Series printers from

**OKI Printing Solutions.** Everything you need to increase your productivity—and make your job easier.

# Fast, reliable printing performance with Auto Skew Correction, Location-Free Paper Load, and Auto Head Gap



## A unique combination of convenience features

The ML8810 is designed to make your life easier and less complicated. It provides flexible forms handling to increase productivity, printing specialty media in addition to standard Impact printer media.

**A variety of paper paths** allows for feeding media via the front or rear of the printer:

**Orange** – Manual feed with media exiting front of printer

**Green** – manual feed with media exiting rear of printer

**Blue** – Rear Tractor Feed (Option) with media exiting front of printer

**Red** – Front Tractor Feed with media exiting rear of printer

**Auto Head Gap Adjustment** – The ML8810 adjusts automatically to accommodate different media. The printhead calculates the precise impact needed to print each dot and automatically adjusts its position. This virtually eliminates uneven printing: the shape of each dot is more consistent, and there are no gaps, smears or light spots, regardless of the media type.



Media fed on an angle (up to 7°) is automatically straightened

**Auto Skew Correction** – Unlike conventional flatbed printers, the ML8810 can take a single sheet or form that is manually fed on an angle (up to 7°) and automatically straighten it before feeding it into the printer.

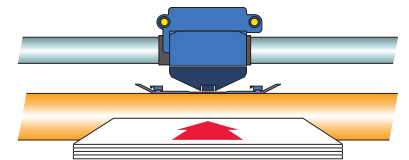
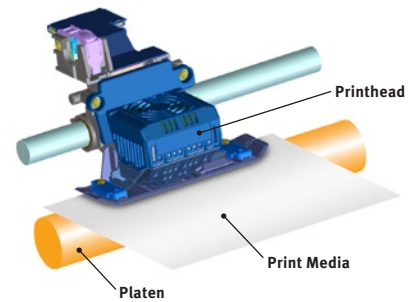
Consequently, text placement is accurate and precise throughout the entire document—ideal for longer forms that tend to skew.



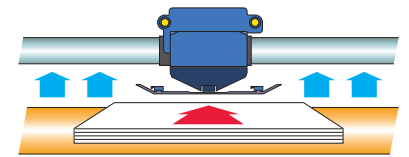
Media can be hand-fed at virtually any point across printer table

**Location-Free Paper Loading** – Sheets or forms can be hand-fed at virtually any point across the printer table; the ML8810 will sense the entry point and properly position the printhead.

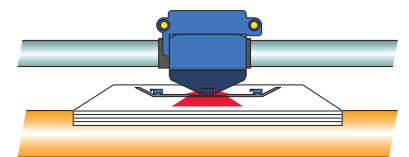
Perfect for printing wider forms and accommodating end users who don't want to spend the time to properly line up each and every cut-sheet form.



Step 1 – Built-in sensor detects thickness of print media



Step 2 – Platen is automatically adjusted to accommodate media



Step 3 – Platen is returned to original position after printing

# MICROLINE® 8810 Series

## Specifications

### Technology, Speed and Print Characteristics

- **Technology:** Serial Impact Dot Matrix (SIDM)
- **Printhead:** Dual 9-Pin (18-pin)
- **Feed Rate:** 10 ips
- **Print Speed:** High-Speed Draft – 720 cps; Utility – 600 cps; NLQ – 150 cps
- **Print Direction:** Bidirectional/Unidirectional printing; Short line-seeking printing

### LCD Display

- **LCD Display:** 2 Line/4 part – Status; Print Mode; Paper Mode; Heavyweight Paper Range (13 selections)

### Emulation, Interface and Memory

- **Co-resident:** MICROLINE®, IBM® ProPrinter® III, Epson® FX-1050
- **Interface:** Standard – High-Speed USB, IEEE 1284 Bi-directional Parallel; OkilAN® 10/100 Base-T Internal Ethernet (ML8810n); Optional – RS-232C Serial (not available with ML8810n)
- **Memory:** 256K RAM
- **Receive Buffer:** 128 bytes

### Compatibility

- **Operating Systems:** Windows® XP, 2000, 98; NT® 4.0; 2003 Server

### Fonts/Characters/Barcodes

- **Resident:** 5 – Utility, NLQ Courier, NLQ Gothic, HSD, SSD
- **Code Pages:** ASCII; Code Page 850, 858, 860, 863, 865, 437; ISO 8859-15; BRASCII; ABICOMP
- **Barcodes:** EAN8, EAN13, UPC-A, UPC-E, Code 3 of 9, Interleaved 2 of 5, Code 128, PostNet

### Paper Handling

- **Convenience Features:** Auto Skew Correction; Location-Free Paper Load; Auto Head Gap
- **Paper Input:** Single-part, Multi-part, Continuous forms, Cut sheet, Slips, Card stock, Envelopes, Labels
- **Number of Copies:** Cut Sheet Manual/Front Tractor Feed – Original + 7 pages (8 total)
- **Thickness:** .48 mm max.
- **Paper Weight:** Cut sheet 13.8 lb. – 55.8 lb.
- **Paper Feeding:** Front – Manual, Push Tractor (standard), Cut Sheet Feeder (optional); Rear – Push Tractor (optional)
- **Tear Capabilities:** Form Tear/Zero Tear
- **Loading:** Auto loading for continuous form and cut sheet

## Reliability

- **Duty Cycle:** 24,000 pages per month
- **MTBF (Mean Time Before Failure):** 10,000 hours<sup>1</sup>
- **Printhead Life:** 400 million characters avg. in 10 cpi Utility mode<sup>1</sup>
- **Ribbon Life:** 10 million characters

## Environmental

- **Size (WxDxH):** 23.5" x 15.2" x 9.25" excl. stacker and platen knob (59.8 cm x 39.7 cm x 23.5 cm)
- **Net Weight:** Approx. 44 lb. (20 kg)
- **Acoustic Noise:** 55.5 dBA or less
- **Temperature:** 41°F to 104°F (5°C to 40°C) in Operation; -4°F to 140°F (-20°C to 60°C) in Storage
- **Humidity:** 30%-85% RH in Operation; 5%-95% RH in Storage

## Power Requirements

- **Power Supply:** Universal 120V-240V (±10%, 50Hz/60Hz)
- **Power Consumption:** Operating 120W or less; Standby 25W or less; Low Power Consumption mode 15W or less (compliant with International Energy Star Program)

## Options

- Rear Tractor Feed
- Cut Sheet Feeder
- OkilAN 10/100 Base-T Internal Ethernet Print Server
- RS-232C Serial Interface

## Warranty

- **Printer:** 1-Year Overnight Exchange<sup>2</sup>

**For more information** on Impact Printers and supplies from OKI Printing Solutions, including OKIcare® Extended Service Programs, please call **1-800-OKI-DATA (800-654-3282)**.<sup>2</sup>

<sup>1</sup> 25% duty cycle at 35% page density.

<sup>2</sup> Available in the U.S. and Canada only.



ML8810 Series Printer shown with standard Paper Stacker

Ordering Information	
<b>Printer</b>	<b>Part Numbers</b>
MICROLINE 8810, 120/240V (E/F/S/P)	62426501
MICROLINE 8810n, 120/240V (E/F/S/P)	62426504
<b>Accessories</b>	
Rear Tractor Feed Kit	41721903
Cut Sheet Feeder	41722307
OkilAN® 7120e Internal Ethernet I/F	70051901
RS-232C Serial Interface (19.2K baud max.)	70012801
<b>Ribbon</b>	
Black Ribbon Cartridge	41708210

Specifications are subject to change without notice.

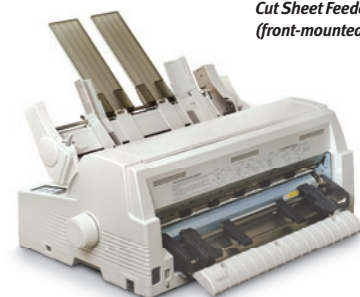
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Shown with optional Rear Tractor Feed



Shown with optional Cut Sheet Feeder (front-mounted)



Shown with optional Rear Tractor Feed and Cut Sheet Feeder

## OKI DATA AMERICAS, INC.

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FAX: 856.222.5320

CANADA  
2735 MATHESON BLVD. EAST  
MISSISSAUGA, ONTARIO L4W 4M8  
TEL: 905.238.4250  
FAX: 905.238.4421

LATIN AMERICA AND MEXICO  
2000 BISHOPS GATE BLVD.  
MOUNT LAUREL, NJ 08054-4620  
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