MICROLINE® 186

OKI ®
PRINTING SOLUTIONS

Big performance. Small package.
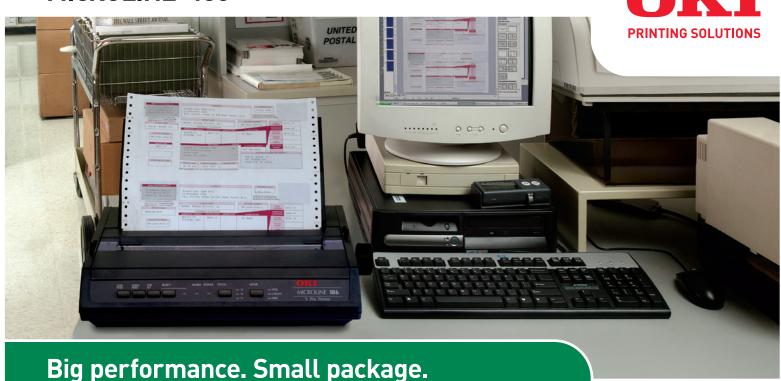
A 3-year warranty comes standard with this rugged and reliable forms printer

This Impact printer from OKI Printing Solutions combines versatile paper handling with fast throughput and a space-saving footprint.

The MICROLINE® 186 has a way with tough conditions. This compact forms printer actually thrives in industrial and point-of-sale environments because it's built to meet the renowned OKI Printing Solutions standards for quality and Tank-Tough® reliability. As proof, the ML186 has a 20,000-hour MTBF rating, more than triple that of its closest competitor. Just put it to work and see for yourself how it delivers!

Small package, big performance. For its size and weight, the ML186 is fast: 375 cps in SuperSpeed Draft mode. It also combines efficiency with economy. It's packed with advanced, field-proven technology, including a patented closed-loop optical sensor that accurately positions the printhead, ensuring precise characters even on the last page of a 5-part form.

The ML186 sports our rack-and-pinion drive system for dependable throughput and longer wear, a sturdy 200 million-character printhead that's designed to deliver output speeds 25% faster than its predecessor, and a 16-bit CPU for even quicker processing.

Exceptional paper handling. The ML186 can print virtually any continuous or sheet-fed form—including "difficult" media: its pinfeed platen moves card stock and labels effortlessly, along with multi-part forms up to 10" wide. A short, straight paper path reduces the possibility of media jamming. Continuous forms and single sheet paper (e.g. letterhead) feed smoothly through the rear or top. And the optional Pull Tractor Kit handles media from 3" to 9.5" wide.

Unlike most other industrial and POS printers, the ML186 offers both bottom-feed and short-tear standard, so you can remove forms right at the perforation every time—which means the next form isn't wasted.

All that and it's easy to use, too. Walk up to the ML186 and select your character sets, form length, and line feed setting—right from the operator panel. It couldn't be easier. Of course, if you need technical assistance, you can speak to a live expert—24x7x365 [1]—by calling 800-OKI-DATA (800-654-3282). [1]

For the next generation in fast forms-printing performance, be sure to specify the ML186 from OKI Printing Solutions.

Highlights:

- Superior reliability for demanding environments: Rated at 20,000-hours MTBF
- 3-Year standard warranty, parts and labor; upgradable to 5 years of coverage with options [1]
- Print speeds up to 375 cps [2]
- Integrated USB and IEEE Parallel connectivity standard
- Networkable via optional Ethernet external print server
- Small footprint and low profile fits anywhere, even on retail countertops
- Crisp, clear printing on 5-part forms
- 128 KB receive buffer/memory
- 200-million character printhead life
- 3 million-character ribbon life
- Co-resident Epson® ESC/P, IBM® 2480 and OKI® MICROLINE® printer emulations
- Supports Windows® Vista®, XP, 2000, 98/95, 3.x, NT® 4.0, MS-DOS®, Unix®, and Linux OS
- Available in Black (120V only)
- Uses same accessories as ML184 Turbo series

[1] Available in the U.S. and Canada only.
[2] SuperSpeed Draft mode.

MICROLINE® 186

Getting the job done. Easily.

Rugged and reliable MICROLINE® Impact printers from OKI Printing Solutions are the most widely used in North America.[1] And, in keeping with our tradition of reliable performance, the ML186 sets an impressive pace—whatever the need or workload.

Select any of four speed settings and get a quality product in less time. Fastest is the blazing 375 cps Super Speed Draft mode, followed by the 333 cps High-Speed Draft, 250 cps Utility, and the Near-Letter Quality of 62.5 cps.

If you process your information over long distances, the ML186 has an option that can save time and expense: an OkiLAN® 10/100 Base-T Ethernet external print server that lets you connect over the Internet using TCP/IP protocols.

The printer's small footprint makes it ideal for use in your system configuration. And the operator panel control of character sets, form length, and other frequently used functions makes the ML186 quite easy to use. (The printer has a "lockout" feature to prevent unauthorized setting changes.)

OKI Printing Solutions provides the edge in quality and reliability no competing printer can claim. It's the reassurance that comes with the backing of a full 3-year warranty[2] and a network of authorized OKI Printing Solutions Dealer Service Centers and Service Depots.

Demand only the best. Put the rugged, affordable MICROLINE 186 to work in the shop or behind the counter. Today.

Specifications

Technology, Speed and Print Characteristics
- **Printhead:** 9-Pin SIDM
- **Graphics Resolution:** 240 (H) x 216 (V) dpi maximum
- **Feed Rate:** 2.0 ips
- **Character Pitch (cpi):** 10, 12, 15, 17.1 and 20
- **Print Speed and Character Matrix:**

Mode	NLQ	Utility	HS Draft	SS Draft
Speed (cps)	62.5	250	333	375
Pitch (cpi)	All	All	All	12 only
Matrix (H x V)	12 x 17	12 x 9	10 x 9	8 x 9

- **Character Sets:** Standard ASCII, Epson, IBM, MICROLINE; 39 Foreign sets; 49 Code pages; Bar codes; PostNet

Emulation, Interface and Memory
- **Co-Resident Emulations:** IBM® 2480, Epson® ESC/P and OKI® MICROLINE®
- **Interface:** Standard – Integrated USB and IEEE Parallel; Optional – RS-232C Serial; Ethernet® via OkiLAN® 6020e+ 10/100 Base-T External Print Server
- **Memory:** 128K Receive Buffer

Compatibility
- **Operating Systems:** Windows® Vista® 32/64, XP, 2000, 98/95, 3.x, NT® 4.0; MS-DOS®; Unix®; Linux

Paper Handling
- **Paper Input:** Single-part, Multi-part, Continuous forms, Cut sheet, Card stock, Envelopes, Labels
- **Number of Copies:** 4-part Rear Feed; 5-part Bottom Feed
- **Thickness:** 0.011" (0.28mm) maximum
- **Paper Feeding:** Top Friction, Bottom (with optional Tractor), Rear Pinfeed Platen
- **Options:** Pull Tractor, Roll Paper Stand, Cut Sheet Feeder

Warranty and Reliability
- **Limited Warranty:** 3-Year parts and labor, 2-Year printhead
- **MTBF:** 20,000 hours (25% duty cycle/35% page density)
- **Monthly Workload:** 13,000 pages at 25% duty cycle/35% density
- **Printhead Life:** 200 million characters avg. in 10 cpi utility mode at 25% duty, 35% page density
- **Ribbon Life:** 3 million characters (Utility mode)

Environmental
- **Size (WxDxH):** (with platen knob, tractor feed unit and acoustic cover) 14.65" x 10.83" x 3.15" (37.2 cm x 27.5 cm x 8.0 cm)
- **Net Weight:** 10 lb. (4.5 kg)
- **Acoustic Noise:** 58 dBA

Ordering Information

Printer	Part Number
MICROLINE 186 – Parallel, USB 120V	62422301
MICROLINE 186 – Parallel, USB 230V	62422302
MICROLINE 186 – Serial, USB 120V	62422401
MICROLINE 186 – Serial, USB 230V	62422402
MICROLINE 186 Black – Parallel, USB 120V	91306301
MICROLINE 186 Black – Serial, USB 120V	62426801

Accessories	
Tractor Feed Kit with Acoustic Cover	70009701
RS-232C serial interface 19.2K baud max (XON/XOFF, Ready/Busy)	70004601
OkiLAN® 6020e+ 10/100 Base T Ethernet External Print Server	70036002
Roll Paper Stand	70007701

Ribbon	
Re-inking Ribbon Cartridge	52102001

OKIcare® Depot Warranty Extensions[3]	U.S.	Canada
OKI 4-Yr. Depot Warranty	38001401	38001411
OKI 5-Yr. Depot Warranty	38001402	38001412

OKIcare® Overnight Exchange Warranty Extensions[3]	U.S.	Canada
Upgrade to Overnight Exchange	38001403	38001413
OKI 4-Yr. Overnight Exchange	38001404	38001414
OKI 5-Yr. Overnight Exchange	38001405	38001415

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)[3] or visit **www.okiprintingsolutions.com/us**

[1] Q2 2005 IDC Quarterly Tracker and Evans Research.
[2] 3-year standard warranty parts and labor, 2-year printhead.
[3] Available in U.S. and Canada only.

Versatile paper feeding.
The ML186 can handle virtually any kind of media that you feed it. (Shown with top-feed paper guide in upright position.)

OKI® PRINTING SOLUTIONS