

OKI® MICROLINE® 490/491

24-Pin Impact Printer

Quality Performance Backed By 3-Year Standard Warranty



Sleek—and functional—styling:

The OKI® ML490 and wide-carriage ML491 not only look good wherever you place them, their rounded corners help them stand up to rough handling in demanding environments.

Highlights of the MICROLINE® 490 and Wide-Carriage MICROLINE 491:

- Rated at 20,000 hours MTBF
- 3-year standard warranty
- Print speeds up to 475 cps¹
- Integrated USB and IEEE Parallel connectivity standard
- Optional OkiLAN® 6120i 10/100 Base-T Ethernet® internal print server
- Crisp, clear printing – on letterhead or 5-part forms
- Expandable head gap – accommodates multi-part forms and cut-sheet stock including labels and stiff index stock
- 128 KB receive buffer/memory
- 4 million-character ribbon life
- 200-million character printhead life
- Small footprint – ideal for retail countertops
- Uses the same accessories as ML390/391 Turbo Series

¹ Utility/Draft Mode.

² 2002 NPD Intellect and Evans Research Market Share Data.

A forms printer with letter-quality output, designed to perform in demanding environments.

High-volume versatility in forms and correspondence.

Whether you need regular output of continuous multi-part forms, fine business correspondence—or combinations of both—24-pin OKI® ML490/491 printers are the single solution.

They handle the printing needs of the most demanding environments—including point-of-sale, automation and utility applications such as wholesale or retail sales counters, financial departments, and manufacturing or warehouse sites. Yet they also produce letter-quality type and high-resolution graphics for the office and executive suite.

Unequaled performance technology. The ML490/491 sport features that give them a strong edge over their predecessors as well as the competition:

- An internal cooling fan provides continuous airflow for the printhead—maximizing throughput productivity for long, unattended print jobs
- Additional feed rollers provide precise forms handling and printed-character placement accuracy

- 3-piece top cover provides easy access and unsurpassed break resistance

Fast, with finesse. ML490/491 printers run the gamut of paper types and envelopes at lightning speed—reaching 475 cps in Utility/Draft mode and 105 cps in Letter-quality. Their rugged printhead (200 million-character average life expectancy) is made up of powerful samarium magnets and stored-energy pins that deliver precise, sharp characters all the way through to the last page of a 5-part form.

The patented OKI closed-loop feedback system assures character placement accuracy. And a zero-tear feature accurately positions continuous forms for a clean tear at the perforation to eliminate wasted stock.

Sturdy and sophisticated. Field-proven reliability is just one reason OKI MICROLINE printers are the most widely-used impact printers in North America².

The rugged, reliable OKI ML490/491 printers are sure to win you over, too!



OKI®

Designed to Perform in the Most Demanding Environments.

PROVEN.

OKI® MICROLINE® 490/491

24-Pin Impact Printer

Built to last, inside and out.

The performance-optimized power supply of the OKI® MICROLINE® 490/491 has been enlarged to easily handle harsh printing conditions. Its energy management capabilities match power expenditures to print-job size, maximizing the life of the 24-pin printhead and other components.

A long-lasting rack-and-pinion drive system ensures print quality longer than belt or cable systems.

And the ergonomically-designed, impact-resistant chassis protects the ML490/491 from damage, even in the toughest working environments.

All this performance is user-friendly.

Controls are conveniently placed on the front panel for fast access. The automatic loading of continuous and cut stock makes every print job easier, and the design of the internal sheet separator enables easy loading of tractor-fed paper into the rear push tractor.

OKI provides the edge in performance no competing printer can claim—and backs it with 3 years of warranty coverage¹ and a network of authorized OKI Dealer Service Centers and Service Depots.

The high-quality, highly reliable and highly affordable ML490/491 Impact printers from OKI. Put them to work in your office or behind the counter—and watch them drive your productivity to new limits while they improve the look of your forms printing.



Wide-carriage MICROLINE 491

OKI®

Okī, Network Solutions
for a Global Society

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Specifications

Technology, Speed and Print Characteristics

Printhead:	24-Pin SIDM
Graphics Resolution:	360 (H) x 360 (V) dpi maximum
Feed Rate:	4.5 ips (11.4 cm/sec.)

Print Speed and Character Matrix:

Mode	Letter Quality (12 cpi)	Utility (12 cpi)	Hi-Speed Draft (10 cpi)	Utility (15 cpi)
Speed (in cps)	126	380	420	475

Emulation, Interface and Memory

Emulation:	Epson® LQ, IBM® ProPrinter®, IBM AGM, IBM XL24
Interface:	Standard – IEEE Parallel and USB; Optional – RS-232C Serial and Ethernet® via OkīLAN® 6120 i 10/100 Base-T Internal Print Server (no AC power adapter required); Twin-ax/Co-ax through 3rd Party
Memory:	128K

Compatibility

Operating Systems:	Windows® XP, 2000, 98/95, 3.x and NT® 4.0; MS-DOS®
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Paper Handling

Paper Input:	Single-part, Multi-part, Continuous forms, Cut sheet, Index stock, Envelopes, Labels
Number of Copies:	5
Thickness:	0.017" (0.43 mm) maximum
Paper Feeding:	Rear Push and Friction Feed
Options:	Bottom Push Tractor, Top Pull Tractor, Cut Sheet Feeder, Roll Paper Stand

Warranty and Reliability

Limited Warranty:	3-Year parts and labor, 2-Year printhead
MTBF:	20,000 hours (25% duty cycle/35% page density)
Printhead Life:	200 million characters
Ribbon Life:	4 million characters

Environmental

Size (WxDxH):	ML490 – 15.7" x 13.6" x 6.0" (39.8 cm x 34.5 cm x 15.2 cm); ML491 – 21.7" x 13.6" x 6.0" (55.1 cm x 34.5 cm x 15.2 cm)
Net Weight:	ML490 – 16.4 lb. (7.43 kg); ML491 – 21.2 lb. (9.6 kg)
Acoustic Noise:	56 dBA

Ordering Information (Part Number)

Printer:	70012801
MICROLINE 490/Parallel/120V	62418901
MICROLINE 490/Parallel/230V	62418902
MICROLINE 491/Parallel/120V	62419001
MICROLINE 491/Parallel/230V	62419002
Accessories:	
Top-Mount Pull Tractor Kit with acoustic cover:	
ML490	70030501
ML491	70030601
Bottom Push Tractor Kit:	
ML490	70030701
ML491	70030801
Cut Sheet Feeder	70030101
Roll Paper Stand (ML490 only)	70023301
RS-232C Serial Interface (19.2K baud max.)	70012801
OkīLAN® 6120 i 10/100 Base-T Ethernet Internal Print Server	70046501
OkīLAN® 6020e 10/100 Base-T Ethernet External Print Server	70036001
OkīLAN 6010e 10 Base-T Ethernet External Print Server	70034401
Self-inking Ribbon Cartridge	42377801
Twin-ax/Co-ax (Available through Third Party. Call 1-800-OKI-DATA.)	

For more information on OKI Impact Printers and supplies, including OKīCare® Extended Service Programs: **1-800-OKI-DATA** (800-654-3282).

¹ 3-year standard warranty parts and labor/2-year printhead.

All specifications subject to change without notice.

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