



The Most Reliable Portable Printers®

A DOVER COMPANY



RP™ Route Printer™ - Serial and Wireless Portable Impact Printer

The Route Printer Series is a portable, full-page dot matrix printer that is rugged enough to be used in the cab of a truck or carried into a remote receiving area. The RP 2000 accommodates Symbol® PDT8000, PDT8046, and MC9000-S handheld computers. Its intelligent cradle allows the handheld computer to communicate with the printer as well as charge the handheld computer batteries.

The RP 2000 with Bluetooth® enables the printing of receipts and invoices wherever they are needed. The features of this one-piece printing solution include:

- Paper capacity of up to 200 sheets of 8.5" x 11" paper.
- Ability to print 4-part delivery receipts and invoices.
- Unique paper feed design that literally eliminates paper jams.
- In-vehicle 12-volt system or internal battery pack.

Ease of Use Minimizes Training. The RP printer automatically "wakes up" upon receipt of data and returns to sleep mode after printing, ensuring maximum battery life.

Investment Protection. Printer fonts and the operating system are stored in Flash memory, so upgrading using the office PC is easy. The RP Series speaks your language – any language. In cooperation with Bitstream® fonts, any international character set can be added. This ensures that RP Series printers will meet your language needs today and tomorrow.

No Paper Jams. In the early 80's, O'Neil created a unique paper feed design that literally eliminates paper jams. It allows a lot of paper to fit in a small package. The printer can be held in any orientation, even upside down, without jamming... perfect for portable applications.

Rugged and Reliable. With uncompromising standards, the RP is engineered throughout to withstand even the most punishing portable applications. It can take all the bumps and knocks inherent in the mobile workplace. Its rock-solid print mechanism is proven to provide years of service where other printers fail. The full one year warranty, even on the printhead, offers peace of mind with our promise to stand behind every product we sell.

“The O’Neil printer has been a workhorse for us since the day we started using it four years ago. It’s tough. Ash and dust doesn’t bother it. It doesn’t break. We had a truck run over one, and all we had to do was change the case.”

Alejandro Amézquita
Electronics Shop S.A.

▶ Wireless Bluetooth® Connectivity

When the RP 2000 printer is configured with an Integrated Bluetooth® module, mobile workers can realize all of the convenience, power efficiencies and cost benefits of a wireless personal area network. O'Neil was the first portable printer manufacturer to incorporate the Bluetooth protocol in Flash memory, eliminating the need for costly software and hardware upgrades whenever the wireless specification changes.



Standard Features at a Glance

- Supports Symbol® PDT8000, PDT8046, MC9060-S, and MC9090-S hand held computers for critical route accounting applications.
- Reports, invoices and receipts are downloaded and printed on the spot.
- Optional real-time anywhere, anytime connectivity enables data to be uploaded or accessed without a physical network connection.
- Rugged design withstands the harshest of road conditions.
- Easy-to-load/unload paper reduces driver training and enhances reliability.
- Battery pack supplies power to print up to 201 - 11" invoices.
- Printer fonts are stored in Flash memory and are easily upgraded as new fonts become available.
- Intelligent power management settings extend battery life.
- Unique paper feed design eliminates paper jams.
- Cords and adapters are neatly stored and ready for immediate use.



RP™

Specification Highlights RP™ Route Printer™

Physical Characteristics	RP™ 2000, Serial	RP™ 2000, Bluetooth
Dimensions	14" x 17.5" x 5.125" (355.6 x 444.5 x 130.2 mm)	14" x 17.5" x 5.125" (355.6 x 444.5 x 130.2 mm)
Weight (printer only)	129.7 oz (3.677 kg)	131.5 oz (3.691 kg)
Weight (with batteries & paper)	146.1 oz (4.142 kg)	149.5 oz (4.238 kg)
Drop Specification	3 ft (0.9 m)	3 ft (0.9 m)

User Environment	
Operating Temperature	-4° F to 122° F (-20° C to 50° C)
Storage Temperature	-40° F to 158° F (without HHC) (-40° C to 70° C)
Charging Temperature	41° F to 104° F (5° C to 40° C)
Relative Humidity	10% to 90% non-condensing
ESD Protection	8 kV Air, 4 kV contact

Communications	
Serial	RS-232, up to 115.2k baud
Bluetooth®	
Network Environment Protocol	Ad hoc environment v1.2 (compatible with v1.1 devices)
Cradle	Standard PDT 8000, 8046, or MC9000-S interface connector

Print Technology	
Printhead	9 pin impact
Printhead Life	100 million dots
Print Speed	270 characters per second
Ribbon Cartridge Life	2,000,000 characters

Media	
Type	NCR, Plain (up to 4-ply)
Width	3" minimum, 8.5"/A4 maximum
Capacity	Up to 200 sheets

Options / Accessories	
• AC Adapter	• Fuse Box Power Cable Kit
• Cigarette Lighter Adapter	• Power Extension Kit
• Download Cable	• Ribbon
• Extended Paper Tray	• Spare Batteries

Power Source	
Battery	12V NiMH, 4000 mAh
DC Input 1	(AC Adapter) 12-15V, built-in spike and surge protection
DC Input 2	(Cigarette Lighter Adapter) 12-15V, built-in spike and surge protection
Endurance	Serial Prints approx. 245 – 8.5" x 11" invoices on a single battery charge Bluetooth Prints approx. 188 – 8.5" x 11" invoices on a single battery charge
Printer Recharging	3.5-4.5 hours from AC adapter or cigarette lighter
Hand-Held Recharging	Approximately 3 hours (depending on hand-held model) from AC adapter or cigarette lighter

Fonts & Languages	
Memory Capacity	Flash/RAM Memory: 1024kB/512kB
Standard Fonts	10 CPI Pica/Elite & 12 CPI Pica/Elite (additional fonts available)
International Characters	Arab-T, Arab-S, Arab-E, Cyrillic (Cy110 & CY210), Greek (GRDOS & GRWIN), Hebrew (HB110, HB210, HB310), Latin & Turkish (additional international characters available)
Graphics	Supports storage of graphics/logos in Flash memory and transient "print once" graphics

Agency Approvals	
FCC B, CE, UL/cUL	

Warranty	
1 year (including printer case and printhead*)	

* When used with approved ribbon.

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World Headquarters

O'Neil Product Development
8 Mason, Irvine, CA 92618-2705
Ph: 949.458.0500
Fx: 949.458.0708

email: info@oneilprinters.com

WWW.ONEILPRINTERS.COM