



DataMetrics™

MODEL 3000 RUGGED GROUND MOBILE PRINTER

*Previously Model #2200



Key Features

- Designed for Vehicle Mounting
- Qualified to MIL-STD-810E/461C/1686A
- Internal Fan-Fold Paper Storage
- Multi-Page Printing
- Dot Matrix Print Engine
- Multiple Interface Options Available

Model 3000 Ground Mobile Printer

The Model 3000 is a Ruggedized Commercial Off-the-Shelf (RCOTS™) printer utilizing a 24 pin dot matrix printer engine. Perfect for vehicle mounted operation, the Model 3000 is designed to withstand high shock and vibrations. This dot matrix printer is designed to operate in harsh environments in accordance with the following specifications.

DataMetrics™ Corporation is the industry leader in design and manufacturing of ruggedized printers. Our primary focus is the design, testing, development, and manufacturing of electronic equipment to meet the specifications of various military and industrial applications.



Fully Mission Capable™



Environmental Characteristics

- Temperature - Operating -25°C to 55°C
- Temperature - Storage. -40°C to 70°C
- Humidity. 10% to 95%, Non-condensing
- Fungus. MIL-STD-810E, Method 508.4
- Vibration 5g Sinusoidal and Random per MIL-STD-810E, Method 514.4, Procedure I
- Shock - Operating 15 G
MIL-STD-810E, Method 516.4, Procedure VI
- Shock - Non-operating. 20G
MIL-STD-810E, Method 516.4, Procedure VI
- Altitude - Operating 15,000 ft.
- Altitude - Non-operating. 50,000 ft.
- EMI/EMC MIL-STD-461C, CE01, CE03, CS01, CS02, CS06, RE02, RS02, RS03
- ESD MIL-STD-1686A
- Orientation ±45° from horizontal, any axis
- Transport HMMWV and M577 Tracked Vehicle

Performance Characteristics

- Print Speed 240 CPS – Draft, 83 CPS – Letter Quality
- Compatibility/Emulation Epson LQ-850 and IBM ProPrinter X24E
- Paper Size A and A4
- Paper Handling Friction/Tractor
- Paper Storage Internal Fan Fold Paper Tray (200 pages)
- Character Sets. 96 ASCII Standard and Italic Characters
- Buffer Capacity 14K Standard, 32K Optional
- Resolution (Bit Image). 360 x 360 DPI
- Graphics (Dot Configuration) 1/127 in. (.2mm dot diameter)
- Interface – Standard Parallel (Centronics)
- Interface – Optional. RS-232-C Serial
Ethernet (10BaseT or 10Base2)
- Print Direction Text Mode: Bi-Directional
Graphics Mode: Uni-Directional

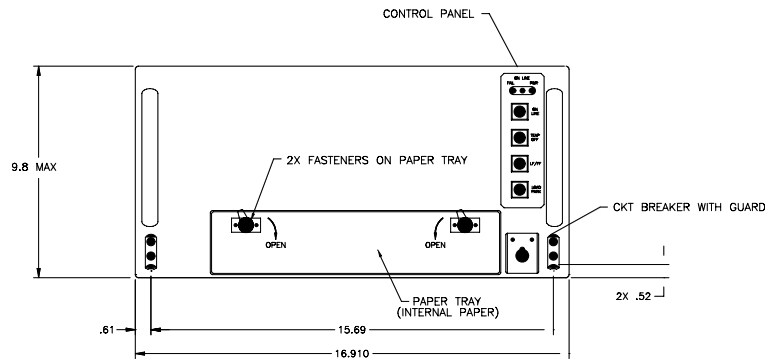
Electrical Characteristics

- Power Input - Standard. 20 - 32 Vdc per MIL-STD-1275A
- Power Input - Optional 95 - 240 Vac, 47 - 440 Hz (autoranging)
- Power Consumption 45W Average
5W Standby
160W Peak

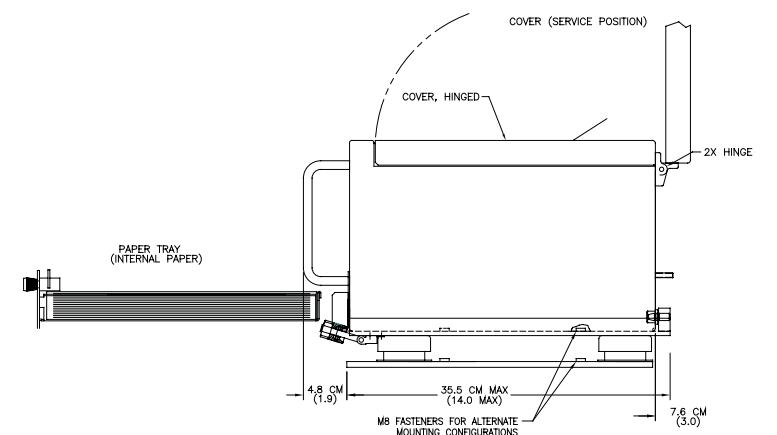
Physical Characteristics

- Size (w/ vehicle adapter) 9.8" H x 17.5" W x 15.9" D
(25cm H x 44cm W x 40cm D)
- Weight Tabletop – 23 lbs. (10 Kg)
Vehicle Mount – 32 lbs. (14 Kg)

Front View



Side View



Ordering Information

Part Number	Description
3000-0000-P005	Dot Matrix Printer, Tabletop, Semi Gloss Gray Smooth Texture Paint
3000-0000-P037	Dot Matrix Printer, Tabletop, Semi Gloss Gray Medium Texture Paint
3000-0200-P005	Dot Matrix Printer, Vehicle Mount, Semi Gloss Gray Smooth Texture Paint
3000-0200-P037	Dot Matrix Printer, Vehicle Mount, Semi Gloss Gray Medium Texture Paint

Standard Configuration 3000-0000-P005.
Contact DataMetrics for other options and custom configurations.