



# NOVA 1351

## MIL-SPEC BLACK & WHITE LASER PRINTER

### FEATURES INCLUDE:

- 32 ppm Print Speed
- 2400 x 600 dpi Colour Printing
- Automatic Duplex Printing
- MIL-STD-810G & F / 461E / 704E
- Rackmount / Tabletop & Shock Mounting
- 5°C to 50°C Operating Temperature



### PRODUCT OVERVIEW

Model 1351 is NOVA's second-generation Military Grade monochrome laser printer. Selected by military land forces, the 1351 continues NOVA's tradition of providing a battlefield-ready printer meeting MIL-STD-461 (EMI/EMC), MIL-STD-704 (transients) and MIL-STD-810 for shock, transportation, bench handling, vibration, crash acceleration, explosive atmosphere, sand and dust, temperature, altitude and humidity.

Built around Brother's HL-L2360DW engine, the 1351 adds features from its predecessor such as faster print speed, upgraded USB port, built-in Ethernet port, 2400 x 600 dpi effective print output, lower power consumption, front panel status indicator LEDs, and easy to use front panel controls. Toner and drum consumables used in the 1351 are standard Brother replacements.

Paper ingress is handled elegantly through a sealed, hinged access door on the front of the printer housing. Paper egress is accessed from the hinged top cover or the front door held tight with quarter turn latches. Available options include 220 VAC or 18-36 VDC input power via external military grade inverter provided by parent company Technology Dynamics, Inc. ([www.technologydynamicsinc.com](http://www.technologydynamicsinc.com)). Standard mounting configurations include tabletop, 19" rackmount or ARINC style shock tray recommended for vehicle and other high shock applications.

This upgraded unit includes an EMI filter, Steel-coil isolators, optional heater and ability to mount on an external ARINC mounting tray. This unit is also further protected from the elements by conformal coating of PCBs and further ruggedization of the print engine.

# SPECIFICATION

<b>Resolution</b>	2400 x 600 dpi
<b>Print Speed</b>	32 ppm black
<b>Duplex Printing</b>	Automatic
<b>Memory</b>	32MB Installed
<b>Languages &amp; Fonts</b>	GDI PCL6
<b>Paper Sizes</b>	Letter (8.5" x 11") & A4
<b>Paper Input</b>	250 Sheet Input Tray
<b>Processor</b>	266 MHz
<b>Input Power</b>	110 VAC @ 60Hz 220 VAC @ 50Hz 18-32 VDC With External Inverter
<b>Power Consumption</b>	Printing: 468W Standby: 58W
<b>Data Interface</b>	10 / 100 Ethernet via RJFTV D38999 USB 2.0 via USBFTV D38999
<b>EMI Filtering</b>	MIL-STD-461 compliant, military grade input power EMI Filter standard
<b>Power Transients</b>	MIL-STD-704 or MIL-STD-1275
<b>Dimensions</b>	10.9" H x 17.43" W x 22.58" D
<b>Weight</b>	40 lbs. (Standard tabletop)
<b>Mounting</b>	Tabletop, Rackmount or Shock Tray
<b>Operating Temperature</b>	5°C to +50°C -20°C to +50°C With Heater

<b>Non Operating Temperature</b>	-20°C to +71°C
<b>Humidity</b>	RTCA/DO-160F, Section 6.3.1, Category A, 6% to 95% RH, non-condensing
<b>Rapid Decompression</b>	MIL-STD-810F, Method 500.4, Procedure III from 8,000 ft. up to 41,000 ft. in 15 sec
<b>Operating Altitude</b>	-1,500 ft. to 15,000 ft
<b>Non Operating Altitude</b>	-1,500 ft. to 45,000 ft.
<b>Operating Vibration</b>	MIL-STD-810F, Method 514.5, Procedure I, Cat 8 Wheeled Vehicle, US Army CHS-3 profile
<b>Non Operating Vibration</b>	MIL-STD-810G, Method 514.6, Proc I, secured cargo, basic transportation
<b>Operating Shock</b>	MIL-STD-810F, Method 516.5 Procedure I (functional shock for wheeled vehicles)
<b>Transportation Shock</b>	MIL-STD-810F, Method 516.5, Procedure IV, Transit Drop
<b>Non Operating Shock</b>	MIL-STD-810F, Method 516.5 Procedure VI
<b>Explosive Atmosphere</b>	MIL-STD-810F, Method 511.4, Procedure I (up to 11,000 ft.)
<b>Crash Acceleration</b>	MIL-STD-810F, Method 516.5 Procedure V (16G limit)
<b>Inclination</b>	0° to 30° in any axis
<b>EMI / EMC</b>	MIL-STD-461E, Method CE101, CE102, CS101, CS102, CS114, CS115, CS116, RE101, RE102, RS101, RS103
<b>ESD</b>	DO-160E, Section 25
<b>Grounding &amp; Bonding</b>	MIL-STD-464 & BAC5117-1
<b>Sand &amp; Dust</b>	MIL-STD-810F, Method 510.4, Proc. I, II & III
<b>Rain</b>	MIL-STD-810F, Method 506.4, Procedure III

## ORDERING TABLE

<b>Mounting</b>	0: Tabletop 2: Rackmount 4: Shock Tray
<b>Power</b>	3: 110 VAC 4: 220 VAC 8: 18 - 32 VDC
<b>Heater</b>	0: None 1: Installed
<b>Configuration</b>	1: Standard X: Customer Specific

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Technical Specifications quoted are verified but do not indicate the maximum performance limitations of the equipment. Specifications are subject to change without notice. E & OE Issue A

