



Maxatec
barcode printers

Imaje Nova Series

Combining high-performance with a compact, robust and modern design

The Imaje Nova printer family is for customers who need high speed, high capacity label rolls, reliability, and great ease of use. These printers are the most compact printers in their class. Featuring all-metal casing, they are tough enough for harsh industrial environments, yet quiet enough for office use.

High Performance and User-Friendly

Imaje Nova Series printers are easy to operate. For high-performance printing, they are exceptionally versatile, meeting the requirements of most applications.

- High-performance power supply enables printing at high speed (upto 250mm/s 10ips) on the entire surface of labels
- Big roll (150mm is standard; 215mm optional): very little downtime for reloading
- Optimized print cycle: enhanced print speed
- Open paper path for fast reloading
- Open media roll for fast reloading
- 3 different media positioning sensors are standard (short, long and black-mark); changing media type is faster as it does not require changing the sensor.
- Print roll can be removed without special tools: speeds maintenance
- Special non-stick surface coating from Imaje simplifies cleaning
- Webservice and built-in set-up program requires little software education for operators

Robust and Easy to Integrate

Imaje Nova Series printers are designed to fit into many different systems at varying levels of integration and to meet a range of connectivity requirements.

- 4", 6" and 8" wide models available
- All metal construction
- Suitable for desktop or built-in applications, thus always enabling the best installation possible (particularly suitable for integrators)
- Wide range of standard interfaces (two high speed serial ports, USB and Ethernet ports): connects to all systems
- Automatic 110-240 VAC regulator adapts to different voltages; the same printer works all over the world without cumbersome external boxes



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Imaje Nova Series

	Imaje Nova4 DT	Imaje Nova4 TT	Imaje Nova6 DT	Imaje Nova6 TT	Imaje Nova8 DT
Technology	Direct Thermal	Thermal Transfer	Direct Thermal	Thermal Transfer	Direct Thermal
Height	150mm (5.9")	210mm (8.3")	150mm (5.9")	210mm (8.3")	150mm (5.9")
Width	232mm (9.1")	240mm (9.4")	292mm (11.5")	315mm (12.4")	345mm (13.5")
Depth	360mm (14.2")	360mm (14.2")	360mm (14.2")	360mm (14.2")	360mm (14.2")
Weight	5.8KG (12.8 lbs)	7.2KG (15.9lbs)	6.8KG (15lbs)	8.2KG (18.1lbs)	7KG (15.5lbs)
Print Resolution	200 or 300dpi	200 or 300dpi	200dpi	200dpi	200 dpi
Maximum Print Width	104mm (4.1")	104mm (4.1")	168mm (6.6")	168mm (6.6")	216mm (8.5")
Print Speed	Up to 250mm/s (10ips)	Up to 200mm/s (8ips)	Up to 200mm/s (8ips)	Up to 200mm/s (8ips)	150mm/ (6ips)

Fonts	
Scalable Smooth Fonts	10 scalable fonts as standard: Univers Medium, Univers Bold, Univers Condensed, Univers Condensed Bold, CG Times, CG Times Italic, CG Times Bold, CG Times Bold Italic, Letter Gothic Bold, Coronet
Languages	Supports English and all European Languages, Including Greek and Cyrillic Characters
Supported Bar Codes	Most current barcodes are available, including several two-dimensional and stacked codes: QR code, PDF 417, Datamatrix, Maxicode, EAN 13, etc.
Graphics	
Format	Prints lines, boxes and frames: graphics in all four directions
Features	Can receive compressed graphics for fast Windows®
Media	
Formats	Die cut labels, continuous roll, fanfold tickets and tags
Sizes	Minimum length 10mm (0.39"), Maximum length unlimited. Thickness 58µm (0.0023") to 180µm (0.0071"). Core diameter: minimum 40mm (1.5") - Not for Nova8 DT. Fanfold media (Nova8 DT)

	Imaje Nova4 DT	Imaje Nova4 TT	Imaje Nova6 DT	Imaje Nova6 TT	Imaje Nova8 DT
Minimum Width	40mm (1.5")	40mm (1.5")	40mm (1.5")	40mm (1.5")	150mm (5.9")
Maximum Width	115mm (4.5")	115mm (4.5")	180mm (7.1")	180mm (7.1")	230mm (7.1")

Programming Language	
Features	Communication in printable ASCII characters, File management for macros and graphics, Status request, Built-in real time clock, 10 individual programmable counters
Rotations	Field Rotation 0°, 90°, 180°, 270°

Communications	Two serial interfaces, 300-115 200bps, USB interface, bi-directional centronics (option), Ethernet: TCP/IP (LPD, R Telnet, FTP, Webserver)
Environmental	
Operating Temperature Range	+5°C to +40°C
Operating Humidity Range	20% to 85% non-condensing relative humidity
Other Characteristics	Unique printing method reduces memory need and increases print cycle speed Built-in configuration program Operating system, stored in flash PROM, for easy software upgrades Works internally with Unicode character set Time and Date Symbols Backwards compatible with the Markpoint MkII series
Processor	32-bit RISC Processor
Memory	2MB flash memory, 512KB SRAM, 2MB DRAM
Options	215mm paper roll kit (not for Nova8 DT) Peel-off kit (not for Nova8 DT) LTS Bi-directional centronics interface Daisy chain cable
Power Requirements	110/240 VAC ±15%, 50-60Hz
Label Design Software	MP Design, Codesoft, Label Matrix, Nice Label, Label View. Most label design software using graphics mode

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