

nashuatec

TOTAL DOCUMENT SOLUTIONS



EMP 156



**EASILY INTEGRATED,
ROBUST SOLUTION FOR
PRODUCTION PRINTING**

Reliable, high-volume production around the clock



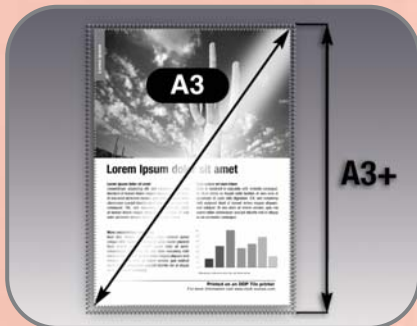
The new EMP 156 from Nashuatec is a robust monochrome printer with a compact footprint, designed to meet the most rigorous production printing requirements. It has the same high level of quality workmanship and reliability as the DDP product line and extends the printing technology to meet high-volume production, around the clock. The EMP 156 has a revolutionary cutsheet engine design that incorporates advanced Nashuatec paper handling technology. The ease of maintenance at operator level ensures that performance is optimal in the data centre, central reproduction department or service bureau.

Designed for very high-volume applications like print-on-demand (POD) and data centre printing, the EMP 156 features an engine life of 90,000,000 images and can print up to 4.5 million pages per month. The printer also offers superior print quality due to the unique 'belt transfer system' used in the imaging mechanism. Built to last, the EMP 156 industrial strength components ensure that you get the highest quality output, page after page and year after year.



Nashuatec's unique approach, links people with knowledge and expertise, combining our wide experience of innovative, document related Products and Software Solutions with our world class Business and Professional Services to deliver the best Total Document Solutions for your business.

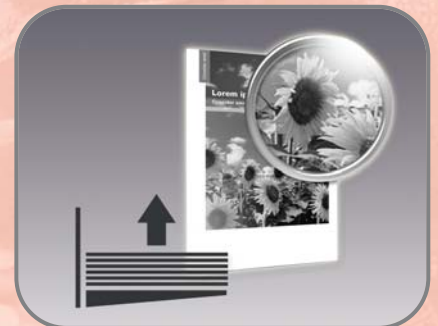
Paper sizes up to A3+ allow you to print full-bleed A3 layouts without trim marks



Optional Attention Light helps Operators maximize machine up-time



Optimal performance with up to 4.5 million pages per month of quality output



Wide Media Range

The EMP 156 offers unprecedented media flexibility. Manual covers on heavy stock can be printed from any main body tray, allowing you to generate sophisticated, integrated documents in a single pass. Paper sizes up to 355.6 x 457.2mm allow you to print full-bleed A3 layouts. In addition the EMP 156 features an air pick mechanism for paper feeding which allows it to handle special media including coated stocks used by commercial printers. EMP 156 also has a very high paper input capacity of 15,500 sheets to match its output speed.

High-Volume Printing

The standard high-volume Container Stackers on the EMP 156 let you print and accurately stack large volumes of paper in continuous print mode. While the printer is feeding paper to one container stacker bin the other bin can be emptied. All the standard paper sizes are supported in the Container Stackers. The EMP 156 combined with two Container Stackers allows you to run very large production jobs unattended. When you add a pair of Container Stackers to your production printer you can feed, print and stack up to 8,000 sheets without worrying about continuous operator support.

Network Connectivity and Performance

A powerful, high-performance Nashuatec print controller supercharges the EMP 156. Based on a 800MHz PowerPC processor with a high-speed 64 bits memory architecture, the controller enables the EMP 156 to run at its full rated speed. Standard emulations include PCL5e, PCL XL and Adobe PostScript 3. The Nashuatec patented Virtual Printer Technology (VPT) is also supported. This feature enables a single printer to support up to 64 print services or 'virtual printers'.

Effective Cost Reduction

To optimize your printing infrastructure and reduce costs, several options are available. Nashuatec offers solutions to help you easily migrate your mainframe or OS/400 output to production laser printers without changing your legacy applications. Convert AFP/IPDS, SCS or LCDS/Metacode to PostScript or PCL and enhance your reports with new printing and finishing features. In addition, you may switch to easy creation and management of electronic forms to eliminate storage costs and outdated pre-printed forms.

Advanced Print Drivers and Web Utilities

The Nashuatec bi-directional print drivers feature a graphical user interface for maximum printer control right from your workstation. Offering PostScript and PCL, these dynamic, feature-rich drivers enable end-to-end document production, including excellent job offset stacking. Friendly web utilities provide access to the printer through the Internet or Intranet. Status of the printer and system functions are available through an embedded web server.

Outstanding Software and Services

Complementing the EMP 156, Nashuatec offers a superb range of Software Solutions and Services, which are designed to add value and ensure that our devices continue to operate seamlessly and reliably. Covering all aspects of your business, including document management, network control, consultancy, training and unrivalled support, these innovative products and services offer a tailor made solution to improve productivity, workflow efficiency and cost control throughout your organization.

General

Printing speed (simplex & duplex)

A4/LEF 156ppm
A3/SEF 78ppm

Dimensions (W x D x H)

2,169 x 1,105 x 1,350mm

Weight

880kg

Power source

200/208/220/230/240V
(4 wires: 3 phases + ground)
380/400/415V
(5 wires: 3 phases + neutral/ground)
4.6kW
(standard configuration at 230V/400V)
5.3kW
(full configuration at 230V/400V)

Duty cycle

4,500,000 pages per month

Controller

Processor

800MHz PowerPC 750FX processor with
256MB RAM, 40GB HDD

Resolution

600 x 600dpi

Printer language

Standard:
PCL5e, PCL XL, Adobe PostScript 3
Option:
PDF/TIFF

Embedded web server

Real time device monitoring and
configuration

Drivers

Custom Mercury bi-directional drivers for
Windows

Connectivity

Network protocol

Standard: TCP/IP
Option: IPX/SPX, EtherTalk

Interface

Ethernet 10/100/1000 base-T
(1000 Base-T is not available if NIC option
is installed)

Paper Handling

Paper input capacity

Standard: 3,500 sheets
Paper tray 1: 2,500 sheets
Paper tray 2: 1,000 sheets
High capacity feeder (option):
Tray 1: 3,000 A3 sheets
Tray 2: 3,000 A3 sheets
Up to two high capacity feeders can be
added (4 x 3,000 sheets)

Paper output capacity

Standard: 2 x 2,000 sheets
(single Container Stacker)

Paper size

Paper tray 1:
B5 to 355.6 x 457.2 (A3+)
Paper tray 2:
B5 to 355.6 x 457.2 (A3+)

Paper weight

Input tray : 60 - 199g/m²

Consumables

Toner

54,000 images/bottle (5% coverage)

Developer

720,000 images/bottle

Drum

4,050,000 images

Hot roll

2,400,000 images

Black roll

2,400,000 images

Options

Container Stacker

Add one container stacker (2 x 2,000
sheets) for production that requires
off-line finishing
Holds A4 and A3 paper sizes up to 8,000
pages (80 g/m²) maximum

The image on page 2 is a 3D representation of the
EMP 156.

Company management systems applied during the
manufacturing of all Nashuatec products conform to
ISO9001 quality and ISO14001 environmental
management standards.

In compliance with EU RoHS directive
(RoHS: Restriction of Hazardous Substances).

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Adobe PostScript 3



Our earth.
Our tomorrow.



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