DS-140

SMART AND EFFICIENT MAIL INSERTER

The modular mail operating system that intelligently fulfills all your mailing needs

WE VALUE YOUR MAIL

neopost

DS-140

MODULAR MAIL OPERATING SYSTEM

The DS-140 enables you to easily create professional, top quality mail pieces. The system seamlessly adapts to accommodate a wide range of envelope sizes.

Due to its ability to handle a superior document packet thickness, the DS-140 allows you to process a wide variety of mail items. The DS-140 will do it all – with ease!

MAXIMIZE YOUR PRODUCTIVITY

With a compact, ergonomic design that allows for greater operator efficiency and ease of use, the DS-140 delivers optimum practical speed – maximizing your productivity.
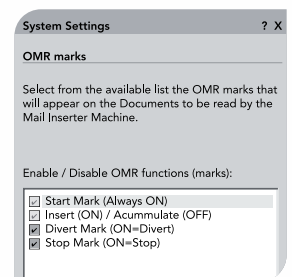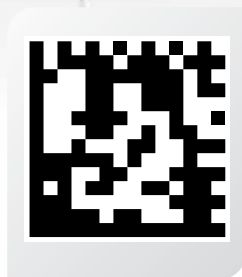
- Easy-to-load trays and an intuitive paper path help the operator to quickly get a feel for the system.
- Fast, easy access to all parts of the system reduces stoppage to a minimum.
- High capacity feeders, fast accumulation, and on the fly envelope loading – all save you time.

TIME SAVINGS AT YOUR FINGERTIPS

The DS-140 is touch-programmable to automatically adjust system setup for an unlimited number of jobs, substantially reducing your job-change setup time.

- Job settings can be stored in memory for instant recall, saving hours of setup time on repeat and similar orders.
- Intuitive user controls get you up and running in no time, and guide you every step of the way.
- Productivity uptime of your folder/inserter is optimized to the max.
- The versatile PC touch screen gives acces to statistical data and costs analyzes.

System Settings ? X

OMR marks

Select from the available list the OMR marks that will appear on the Documents to be read by the Mail Inserter Machine.

Enable / Disable OMR functions (marks):

- ☑ Start Mark (Always ON)
- ☑ Insert (ON) / Acummulate (OFF)
- ☑ Divert Mark (ON=Divert)
- ☑ Stop Mark (ON=Stop)

FULL CONTENT CONTROL AND SECURITY YOU CAN RELY ON

To securely process personalized mail runs and those with a varying amount of documents per set, the DS-140 includes several automatic features to ensure that every recipient receives the correct and perfect mail piece.

- Automatic Double Document Detection eliminates duplicate document feeding.
- Reading of sequence marks (OMR, dual-track OMR, barcodes, etc.) allow you to control printing accuracy.
- Mail Piece Production Control (MPPC) is a scanning solution enabling end-to-end integrity from print to insertion.

AUTOMATE YOUR DOCUMENT PROCESSING

The optional PrintMachine software is the Neopost solution to automate your output and mail management process.

- Automatically add OMR or barcode on your documents, improving the reliability of your document processing.
- Selectively insert advertising material ensuring maximum communication efficiency.
- Simply sort and merge files reducing your cost per recipient.

ADAPT YOUR SYSTEM TO YOUR NEEDS

The modular design of the DS-140 gives you peace of mind when purchasing a system that your future needs and job requests will be fulfilled.

- Simply add the right module at the right time – as your company grows.
- Multiple function options allow you to take on more job orders, further optimizing your productivity.
- A modular system assures that your equipment investment is cost effective today and into the future.

3 DOCUMENTS + COLLATOR

3 DOCUMENTS + 1 INSERT + COLLATOR + DIVERT TRAY

4 DOCUMENTS + 3 INSERTS + COLLATOR + DIVERT TRAY

STREAMLINE YOUR MAIL PROCESSING

Maximizing your mail processing efficiency is the result of managing key aspects of the mail center environment and mail handling system. Without a doubt the folder/inserter is one of the most crucial components for speedy delivery of your jobs.

With the DS-140, the entire process – from input, to throughput, to output – is designed to operate at the highest possible practical speed – efficiently!

INPUT

The DS-140 is equipped with high capacity document feeders. When used in Cascading Mode, up to 750 documents can be fed through the system in one run, with no need to stop and reload! When one feeder empties, another will automatically engage and continue feeding documents nonstop.

In addition, the high capacity insert and envelope feeders can be loaded on the fly as well. Again there's no need to stop the system and halt production for refilling the feeder.

THROUGHPUT

If your mail sets contain multiple documents from one stack, sheets are accumulated from a high speed document feeder. Then, all sets are folded together, creating a professional quality mail piece while keeping production at the highest level.

The DS-140 processes up to 4,500 envelopes per hour. This ensures a constant high productivity throughput rate, regardless of the number of documents to be inserted.

To further avoid stops that slow down production, special or over counted documents can be automatically diverted, and the system will continue to process your mail without interruption, ensuring the highest possible level of productivity.

OUTPUT

The high capacity envelope conveyor can be placed in-line, or at a 90-degree angle. Envelopes are stacked face up and are easy to remove for further handling.

FEEDER SWAP

Continuous operation is achieved by cascade feeding.
If one feeder runs empty, another one takes over

SIMPLICITY OF USE FOR ANY OPERATOR

The highly productive, highly compact DS-140 makes it a breeze for any operator to complete the job setup process. Handling and processing your mail has never been this easy.

- Intuitive document loading eliminates guesswork.
- All feeders are reloadable on the fly – no need to stop the system.
- Daily mail can be processed via the standard, dedicated hand-feeding tray.

EASY ACCESS KEEPS YOU UP AND RUNNING

The DS-140 provides quick, safe and easy access to the paper path throughout the entire system, so you'll be quickly up and running if there's a break in production.

- Comfortably positioned document and envelope feeding is intuitive and natural.
- Uptime is optimized as a result of the DS-140's convenient paper path access.
- With user friendliness as a design priority, the DS-140 adds a level of ease to your mail production process.

DS-140
MODULAR MAIL OPERATION SYSTEM

THE PROFESSIONAL SOLUTION FOR ALL YOUR MAILING NEEDS

The DS-140 enables you to easily create professional, top quality mail pieces. The system seamlessly adapts to accommodate a wide range of envelope sizes. And, due to its ability to handle a superior document packet thickness of 1/4", the DS-140 allows you to process a wide variety of mail items for direct mail marketing campaigns, for invoicing, monthly statements for virtually all of your company's mailing needs. Need to send multiple documents? Glossy or coated paper stock? Business reply envelopes or even 4 millimeter thick booklets? The DS-140 will do it all with ease!

SEND MORE FOR LESS COST

The DS-140's ability to send more documents and inserts in one envelope lets you process more mail at less shipping cost.

- Flexible document configurations allow you to easily comply with changing postal regulations.
- Fold up to 8 documents in one packet.
- Add multiple inserts per mail set.
- Process document packets up to a thickness of 1/4 inch (6 mm.)

MACHINE SPECIFICATIONS

Length x Height x Depth	130" x 59" x 21"
Weight	715 lbs.
(Above based on a four-module configuration)	

MACHINE CONFIGURATIONS

Full modularity	From 1 to 17 feeders
Mailing machine interface	Yes (optional)

MATERIAL SPECIFICATIONS

Document height	5.5" – 16" (140 – 406 mm)
Document width	5.5" – 9" (140 – 228 mm)
Document weight	16 – 32 lb.
Insert height	3"– 6" (76 – 152 mm)
Insert width	5.5" – 9.5" (140 – 242 mm)
Insert weight/thickness	16 lb. to 5/32" (4 mm) thick
Envelope length	6" – 10 3/8" (152 – 264 mm)
Envelope height	3.5" – 6.5" (89 – 165 mm)
Set thickness	1/4" (6mm)

QUICK FACTS

Touch screen PC control	Yes
Speed	Up to 4,500/hr.
Automatic job set-up	Yes
Multiple sheet feeding	Yes
Cascade from feeders	Yes
Divert bin for documents	Yes
Job memory	No limitation
Hand feeding	Yes
Documents feeder capacity	Up to 500
Envelopes feeder capacity	Up to 400
Fold types	Letter, zigzag, single, double parallel
Folding capacity	Up to 8 sheets (20 lb.)
Envelope conveyor	Yes (optional)

MAIL QUALITY & SECURITY

Accumulation before folding	Yes (optional)
Optical Mark Recognition (OMR)	Yes (optional)
Optical Mark Recognition (dual-track)	Yes (optional)
2D barcode recognition	Yes (optional)
Barcode Recognition (BCR)	Yes (optional)
Mail Piece Protection Control (MPPC)	Yes (optional)
Automatic double detection	Yes (all feeders)
Automatic document measurement	Yes (all feeders)

WHY CHOOSE NEOPOST?

Neopost is a world leader in mailing and logistics solutions. Our innovative solutions bring simplicity and efficiency to your mailing process to make your business run better. Neopost brilliantbasics benefits provide excellence in all our offers, from products to support and services. They bring you the best in operational efficiency, mail quality and security, budget optimization and online management. Whether for advice or support, you enjoy our commitment to supply first-class service – on the phone, on site, or online. Benefit from immediate response times and remote diagnosis at our call centers, and fast dispatch of service engineers when needed. Find out more at www.neopost.com/brilliantbasics

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