MODELS

ROO-100-5
5-STATION BASE MODEL

ROO-100-7
7-STATION EXTENDED MODEL

TOP VIEW

SIDE VIEW

TECHNICAL SPECIFICATION

MACHINE PITCH
10"

SPEED
40 PPM

DIMENSIONS (ROO-100-5)
LENGTH 140" WIDTH 50" DEPTH 57"

DIMENSIONS (ROO-100-7)
LENGTH 160" WIDTH 54" DEPTH 57"

POUCH SIZE RANGE
MIN. 4x1/4" MAX. 6x21" THICKNESS 0-6"

CONTROLS
A. B. Compact Logic, A. B. PanelView HMI

SERVOS AND MOTORS
ALLEN BRADLEY

INPUT VOLTAGE
240-480 V

INPUT AIR
70-90 PSI

THE NORTECH GUARANTEE
All NorTech Packaging Machines Come Standard With

✓ Fast Delivery and Global Service Support
✓ Detailed Manuals and Documentation
✓ Complete Spare Parts Support

CONTACT
847.884.1805 info@norotechpackaging.com

SAVE TIME
CHANGEOVER IN LESS THAN 30 SECONDS

SAVE FLOOR-SPACE
MOST COMPACT FOOTPRINT ON THE MARKET

SAVE MONEY
AFFORDABLE AND SCALABLE

NT Nortech Packaging
Where automation happens.
HOW IT WORKS.

CONTROL STATION
Custom recipe profiles allow for fast 30-second peel-back changeovers.

POUCH MAGAZINE
Stacks of pouches are stored in magazine cells without the need for pouch stripping. Auto-adjustable guides ensure precise loading position.

OPENING STATION
Vacuum suction cups pre-open the seal and the body of the pouch. The pouch is now ready for filling.

POUCH SETUP & GRIP
The pouch is transferred from the magazine to the carrier track and secured between two grippers.

FILLING STATION
Your product fills the pouch. The ROO-100 is also equipped with an auto-capper integrated locking system.

SEALING STATION & DISCHARGE
The pouch is tightly sealed with a heat bar, discharged, and ready for further processing.

A CLOSER LOOK: POUCH CARRIER TRACK (STATION MODEL SHOWN)

KEY FEATURES

MACHINE OPTIONS. The ROO-100 can feature:

WASHDOWN
Machine can feature washdown structure with thermal enclosures, so you can clean the machine with a spray of water without worrying about electrical components or nups.

BOTTOM POUCH SUPPORT
Conveyor system provides additional support for heavier pouches, reducing pressure on the grippers.

POUCH DEFLECTOR
Eliminates excessive air from the pouch.

CODE/DATE PRINTER
Prints a code/date on the pouch. Includes camera verification.

VIBRATORY SETTLER
Provides improved product settling inside the pouch.

SEAL COOLER
Cools the area of the pouch that is heated by sealing.

PRODUCT INFEO OPTIONS. The ROO-100 can be integrated with standard filling/dosing systems:

AUGER FILLER
Suitable for non-free flowing products and products that generate dust like coffee, flour, and other similar powders.

MULTIHEAD WEIGHER/SCALE
Allows more packs per weight of product, and more packs per shift due to improvement of weighing accuracy. Suitable for compounds, multiple component products like cereal mix.

VOLUMETRIC CUP FILLER
Recommended for free-flowing solids like rice, beans or frozen peas or powders that don’t generate dust.

VIBRATORY COUNTER/FILLER
Suitable for packaging applications where measuring precision and accuracy are crucial and for products that are screwy, such as wafers, grans, and nuts.

UP/DOWNSTREAM OPTIONS. The ROO-100 can be enhanced with a variety of external components

LABELER
Automatically apply labels to pouches and/or cases.

CASE PACKER
Pack pouches or a variety of case boxes

PALLETIZER
Stack-ready-to-shipping pallets. Robotic and traditional palletizer are available.

CHECKWEIGHTER
Improve weight control and verification.

METAL DETECTOR
Detect all unwanted metal particles.

REJECT STATION
Detect and remove any rejected pouches automatically.

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