

EvoTech[®] Dairy

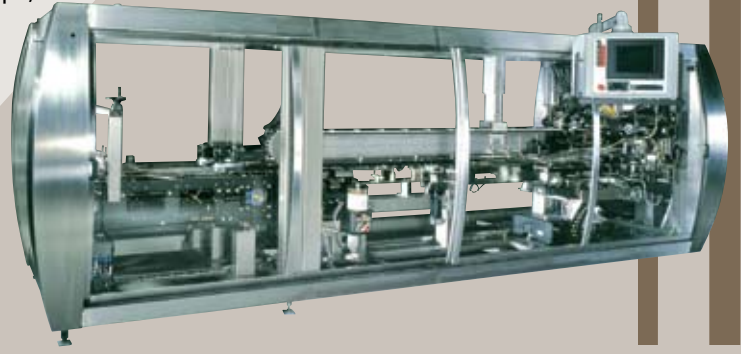
THE INDUSTRY'S MOST
VERSATILE MACHINE
SOLUTION FOR WRAPS
AND FULLY-ENCLOSED
PACKAGING



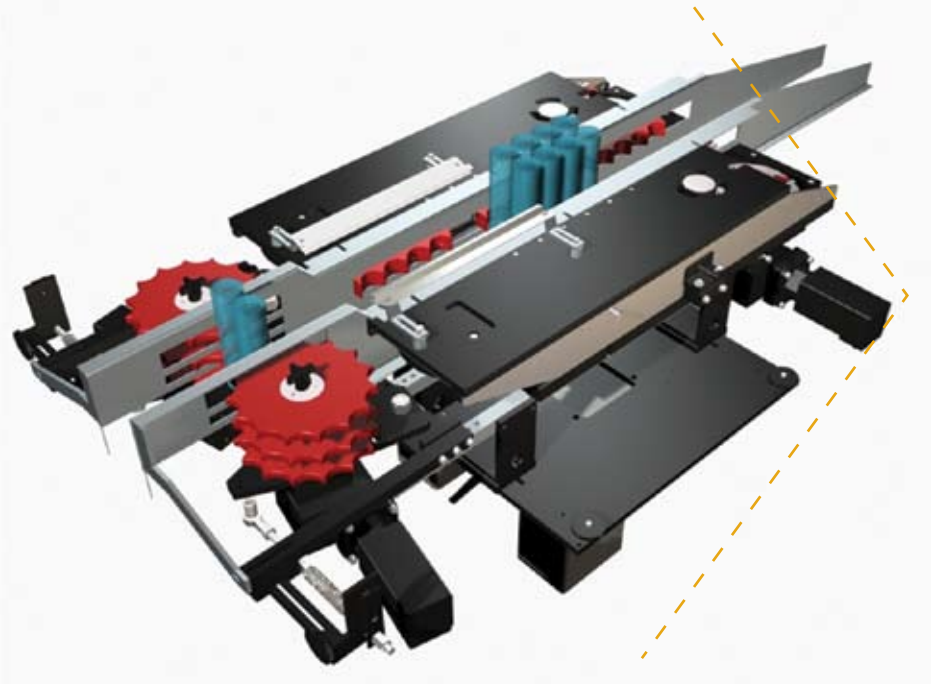
MeadWestvaco[™]
MeadWestvaco Packaging Systems, LLC

EVOTECH

The EvoTech® machine packages a wide array of configurations of loose and attached cups, plastic bottles, jars or bricks, in wraps or fully-enclosed cartons, and in single or multiple layers.



PRODUCT METERING



As your market evolves, so does your EvoTech machine. Through its modular design, this versatile machine provides extensive carton style options for multiple height and diameter loose and attached cups, plastic bottles, jars and bricks.

Versatile and flexible to meet your marketing needs

With the EvoTech machine's modular design, you can run a wide variety of carton styles, package configurations, and container sizes on one machine. Modules of the EvoTech machine can be changed, with minimal impact on operations and less capital cost, to match your production line development. Through the use of servo technology, changeovers are fast, reliable and consistent.



VERSATILE

MULTIPLE CARTON CONFIGURATIONS



Designed to meet your operating needs



With the innovative design of the EvoTech® platform, we are able to incorporate the optimal modular subassemblies to perfectly align with your operating needs – line speed, efficiency and layout requirements. This includes the EvoTech machine's capability to run a spectrum of speeds, up to 420 packs per minute, to match your production line speeds. The EvoTech design complies with all international dairy production standards.

Easy to operate



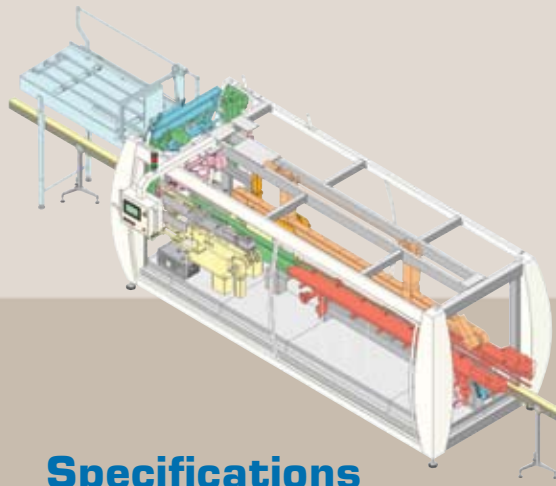
The EvoTech machine's touchscreen control panel has been updated and simplified for fast and efficient operation. With the system's standard servomotor technology, changeovers are consistent and foolproof – with no tools required. During changeover, an onscreen checklist guides the operator through every step. In addition, the EvoTech's open frame architecture provides easy access for operators and maintenance personnel.

Efficient and dependable



The EvoTech platform sets the industry standard for high operating efficiency, with typical performance greater than 98 percent. The machine's proven, long-wearing components can reliably hold up to high speeds and frequent changeovers, supporting high efficiencies. Remote diagnostics, a standard feature, monitors the performance and maintenance of the EvoTech system. DART™, our data acquisition and reporting technology, is standard on each machine, and enables you to achieve even higher line efficiencies by monitoring and managing changes in machine performance. In addition, innovative software solutions have been designed to predict component failure to reduce unplanned downtime.

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Applications

PRIMARY CONTAINERS

Loose and attached cups,
 plastic bottles, bricks
 Height range: 2" to 9.8"
 (50mm to 250mm)
 Diameter range: 1.6" to 3.8"
 (40mm to 96mm)



CONFIGURATIONS

1x1 to 1x6, 2x2 to 2x6
 3x3 to 3x6 (optional)
 Multiple stacking configurations available



PACKAGE STYLES

Cluster-Pak™ (many features and options available)
 Cluster-Side™
 U-clip



Specifications

MACHINE DIMENSIONS

15.1' to 17.4' long (depending on package style) x 6.2' wide x 6.6' high
 (4.6m to 5.3m x 1.9m x 2m)

MACHINE WEIGHT

4,410 to 6,614 lbs. (2,000 to 3,000 kg)
 depending on package style

ELECTRICAL

400 volts, 50 Hz, 15 kVA or to customer specification

AIR REQUIREMENTS

Pressure: 87 PSI (6 bar)
 Consumption: 3 scfm (5m³/hr)

CONTROL SYSTEM

Omnidirectional touchscreen control panel
 Onboard diagnostic computer
 Online machine service manual
 Multilingual software package available
 Soft plc standard; Siemens, Rockwell plc's available upon request
 Danaher or Indramat servo systems available

CLOSING MODULE

Removable, modular locking section for fast changeover
 Punch or flat locks

PRODUCT INFEEED

Single and double lane conveyors;
 triple lanes (optional)

PRODUCT METERING

Sequencers or starwheels to break pressure
 Infeed chains or grippers to select configuration

LINE CONTROL

Data network or upstream/downstream sensors depending on customer requirements
 Full line engineering services available upon request

SPEED

Up to 420 packs per minute

CARTON HOPPER

Holds up to 2,000 cartons depending on carton thickness
 Extended hopper holds up to 5,000 cartons depending on carton thickness (optional)

FRAME & COVER

Three-module spine frame of painted steel; epoxy paint or stainless steel finish (optional)
 Easy access to all key elements
 Modern design with full height, transparent, sliding safety doors in high-resistance polycarbonate

OTHER FEATURES

Designed to meet dairy standards
 Automatic lubrication and greasing system with electrical monopump
 Remote access troubleshooting assistance via modem

CHANGEOVER

From 5 to 30 minutes, depending on package configuration
 Color-coded, labeled and toolless change parts
 Onscreen changeover checklist
 On-machine changeover values
 Auto-prime product loading

DART™

Data Acquisition & Reporting Technology standard on each machine