



DOVERCO
Strategic. Packaging.

SERIES **ROLL STOCK MACHINE**

THE STANDARD IN PACKAGING PRODUCTION.



MADE IN THE USA



STANDS FOR
PERFORMANCE!





STANDS FOR PERFORMANCE!



- ◆ Swing Arm HMI machine interface.
- ◆ **p-Software** designed to control with efficiency and ease.
- ◆ IP65 stainless steel display enclosure.
- ◆ Intelligent integrated diagnostics.
- ◆ Know Now! Machine/Production Metrics for both live setup and historic production data collection and reporting.



- ◆ The **p-Frame** design is elegantly simple, yet ruggedly durable. A true modular design.
- ◆ Frame segments are standardized for easy machine growth to future-proof your production investment.
- ◆ The VC999 **p-series** is designed to work hard now and beyond regardless of product spec modifications or additions.



- ◆ The Forming & Sealing dies utilize a unique, simple and massively powerful design for the most consistent and even seal possible.
- ◆ Dies open and close with precision accuracy and deliver immense closing pressure.
- ◆ Top die lift option accommodates products **25/50 mm above the web line**, making the perfect 10K or VSP (vacuum skin pack).



- ◆ Both **p-Cabinets** swing out and open for easy maintenance.
- ◆ Easy access to each dedicated **p-Cabinet**.
- ◆ Uniquely designed closures assure hygienic washdown and IP69 sealing.
- ◆ Reduced lifecycle costs with readily available, open source parts.



PERTINENT

The **p-Series** thermoformer from VC999 is the next step in a long line of cutting edge industrial design and premium packaging systems. Running on a reliable PLC platform, **p-Software** is designed to navigate the HMI and control the machine with efficiency and ease.

PACESETTING

Mechanical direct-drive design, Servo-driven, advance system for high speed and accuracy. 2kW Servo motor (9.55 Nm continuous torque / 28.6 Nm maximum torque). Communications to the Servo amp is over the field bus to make the system immune to vibration and noise. The motion profile is fully programmed through the HMI (distance, acceleration, deceleration).

POTENT

The **p-Series** thermoformer features a smooth, satin hand finished stainless steel to exceed IP 69 requirements with a high RA (root average). The design also features minimized horizontal surfaces for easy, hygienic cleaning and sanitation.

PERCEPTIVE

Comprehensive zone-specific safety design utilizes PLC-controls, less connection points, less wiring, and is almost effortless to maintain. Self-hosted, multi-user web portal to monitor, change, or diagnose machine functions, PLC, program parameters, user interface and safety controller programs, both locally & remotely.



PROPORTIONS

The **p-Series** is designed to the highest standards of cleanliness. The modular frame construction is flexible, and highly customizable to accommodate current & future production requirements. Independent form & seal scissor-action construction is both rugged for work and precise for perfection. Lubrication-free composite IGUS bearings. Cutting/Pinch-point guard design for employee safety & product perfection.

PERSPECTIVE

Machine documentation (operation and maintenance manuals) are specifically written & configured to each machine, easily accessible online, on CD or in a printed booklet.

FEATURES & OPTIONS INCLUDE:

Flexible & Rigid, Vacuum, M.A.P., VSP (vacuum skin packaging), High-Profile Packages, Shrink, Gas Flush, Plug Assist, Printed/Registered Films - Top & Bottom, Unlimited Cutting & Die Configurations, & More.

SPECIFICATIONS:

Standard machine widths p285 • p320 • p355 • p420 • p459 • p520 • p560 • p620 • p720
Max. index length Up to 650 mm (with preheating 350 mm max)
Loading lengths 500 mm min. - 1000 / 1500 / 2000 / 2500 ~ 5000 mm (no max)
Discharge lengths 750 mm min. - 1500 / 2250 / 3000 / 3750 mm (no max)
Draw depths 100 / 135 / 185 mm
Forming width of top web 288 • 323 • 358 • 423 • 462 • 523 • 563 • 623 • 723 mm
Tolerance +/- 1 mm
Film roll diameter 400 mm (standard) / 800-1500 mm (Jumbo)
Roll core 76 mm / 3" (standard); Adapter for 152 mm / 6" available
Power supply (As Required) 220/400/460V • 3 ph • 50/60hz
Compressed air min. 7 bar @ 850 l/min.

PACKAGING TYPES

VACUUM

SHRINK

SKIN

TOP SEAL

MAP

EASY PEEL

P-SERIES RUNS FLEXIBLE, RIGID, SEMI-RIGID, SKIN & SHRINK FILMS

THE POWERFUL STANDARD IN PACKAGING PRODUCTION.



- ◆ Designed to exceed IP69 hygienic standards.
- ◆ All connections are sterile or utilize stand-off connections for absolute cleanability.
- ◆ All cabinets are tightly sealed and panels are easily removed for cleaning
- ◆ In Short - Stainless Steel, Everywhere.



- ◆ Safety First!
- ◆ Every Pinch-point and cutting surface is covered and system-monitored so employees are safe.
- ◆ Removal immediately triggers system shutdown and safety covers must be returned to restart the machine.

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