VC999®

P-SERIES
PERFORMANCE ROLLSTOCK MACHINE



MANUFACTURED IN
NORTH KANSAS CITY, MO

KEY FEATURES:

- Above web line packaging
- Below web line packaging
- Stainless steel frame

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, Software is designed to navigate the HMI and control the machine with efficiency and ease.

PACESETTING

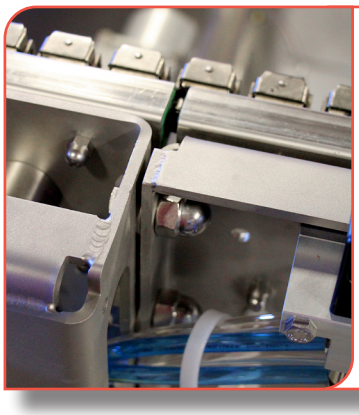
Mechanical direct-drive design, Servo-driven, advance system for high speed and accuracy. 2kW Servo motor (9.55 Nm continuous torque / 28.6 Nm maximum torque). Communications to the Servo amp is over the field bus to make the system immune to vibration and noise. The motion profile is fully programmed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

POTENT

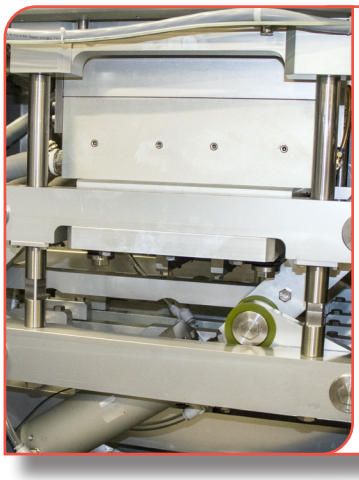
The P-Series' design features minimized horizontal surfaces for easy, hygienic cleaning and sanitation.



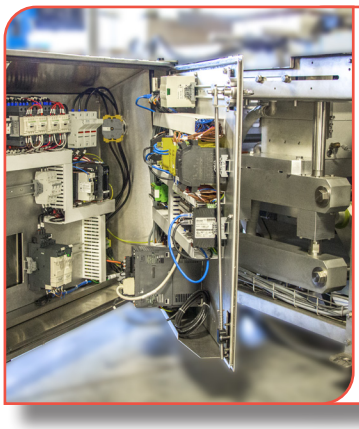
- Swing arm HMI machine interface
- Software designed to control with efficiency and ease
- Machine/production metrics for both live setup and historic production data collection and reporting



- The frame design is elegantly simple, yet ruggedly durable
- Frame segments are standardized for easy machine growth to future-proof your production investment



- Dies open and close with precision accuracy and deliver immense closing pressure
- Top die lift option accommodates products **25 mm above the web line**, making the perfect 10K or VSP (vacuum skin pack)



- Both cabinets swing out and open for easy maintenance
- Uniquely designed closures assure hygienic washdown and IP69 sealing
- Reduced life cycle costs with readily available, open source parts

PACKAGING TYPES

VACUUM | SHRINK | SKIN | TOP SEAL | MAP | EASY PEEL

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



- Designed to exceed IP69 hygienic standards
- All connections are sterile or utilize stand-off connections for absolute cleanability



- 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

MACHINE SPECS	
STANDARD MACHINE WIDTHS	285 / 320 / 355 / 420 / 459 / 520 / 560 / 620 / 660 / 720 mm
MAX. INDEX LENGTH	Up to 650 mm (with preheating 360 mm max)
LOADING LENGTHS	1000 mm (min) - 1000 / 1500 / 2000 / 2500 / 3000 (no max)
DISCHARGE LENGTHS	1000 mm (min) - 1000 / 1500 / 2000 / 2500 / 3000 (no max)
FILM ROLL DIAMETER	400 mm (standard) 800 - 1500 mm (jumbo)
ROLL CORE	76 mm / 3” (standard) 800 - 1500 mm (jumbo)
POWER SUPPLY	220 / 400 / 460 V / 3 Ph / 50 / 60 Hz (As required)
REQUIRED AIR PRESSURE	7 bar (103 PSI) @ 576 l/min

P SERIES

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 and 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 and future production requirements. Independent form and 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 and product perfection.

PERSPECTIVE

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

VC999® ROLLSTOCK PRODUCTS

I SERIES



P SERIES



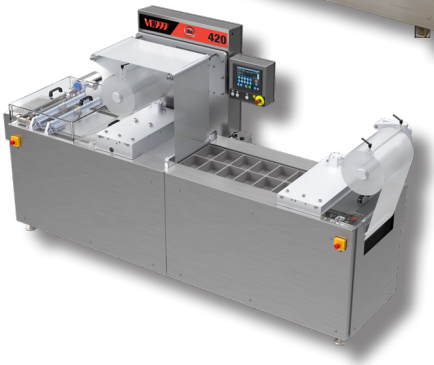
R SERIES



C SERIES



M SERIES



The brand name VC999® stands for vacuum capacity 99.9% - a reference to the highest vacuum performance that can be achieved.

For over 50 years, VC999 has been at the forefront of innovation in vacuum packaging, leading the way in cutting-edge technology and design.

Our extensive product range includes everything from compact table-top vacuum machines to a full line of advanced packaging systems such as shrink-wrappers, dryers, tray sealers, and thermoformers - providing all the tools you need to package your high-quality products with excellence.

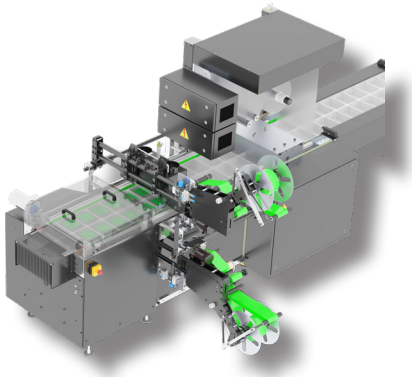
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VC999 materials PACKAGING plus+

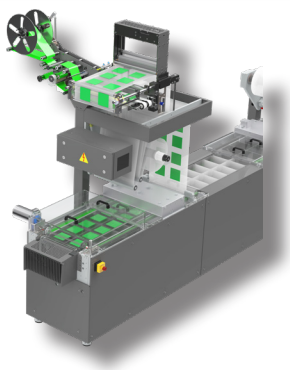
ALSO AVAILABLE: SAFETY LIFT SOLUTIONS

We also offer Safety Lift Solutions to help dramatically reduce workplace injury while improving the safe handling of rolls, reels, drums, boxes, and other product loads.





TOP AND BOTTOM PACKAGE LABELER



FILM LABELER