

1.0 GENERAL INFORMATION

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From the company that brought you the first servo driven intermittent motion vertical form-fill-seal machine we are proud to announce the introduction of the completely updated Polaris II bagmaker.

The Polaris II is the latest version of the - extremely successful Bagmaker and promises to provide an outstanding level of performance and reliability that our customers have come to expect. Many of the design changes reflect advancements in available control technology and software capabilities. We have also incorporated many of the lessons learned in high-speed packaging applications to greatly improve operational efficiencies and to minimize operator setup procedures. In fact, the Polaris II uses the same highly praised Insight Operator Interface as our Cyclone Bagmaker, which has revolutionized the industry.

While many of the features and performance capabilities of the original Polaris have been maintained, the entire control system and mechanical operation of the machine has been updated in order to provide the highest possible levels of flexibility, efficiency, and reliability.

The new Polaris II draws on the outstanding success of the original Polaris to provide you with a machine that can be counted on for consistent, repeatable, highly efficient operation shift after shift, day after day, year after year.

Some of the new features of the Polaris II include:

- Color touchscreen operator interface (HMI) featuring Insight® icon based graphics.
- Automatic program set-up.
- "Off the shelf" PLC based machine controls.
- Full servo motor control of all motion axis
- Fiber optic registration control.
- 100% metric / ISO / CE specifications
- Available stainless steel construction.
- Split front guard to accommodate downstream line integration.
- Complete functionality across our range of package styles and options.

The new Polaris II bagmaker -an improved version of the machine that has been the bagmaker of choice for many applications (nearly 2,000 of them) over the last decade. Please contact us to find out how you can purchase yours. Also, don't forget about the many other solutions Kliklok-Woodman can provide to solve your packaging questions. We are looking forward to hearing from you.

1.1 CONSTRUCTION

Frame of heavy-duty, 1/4" formed steel plate with minimal inside corners. Painted Surfaces finished with white TGIC polyester-based powder coating. Stainless steel and lexan guarding.

Approximate Shipping Weight:
2800lbs. / 1270 kgs., crated

1.2 STANDARD FEATURES

- Servo Motor Controlled Pull Belt System
- Servo Motor Controlled Jaw Seal Actuation
- Servo Motor Controlled Stripping Motion (0-4", 0-100mm)
- Non-Volatile 50-Program Memory
- Instant Program Changeover
- Fully PLC Based Machine Control
- Electronic Registration Control
- Quick Change Former Assembly (no Tools Required)
- Cantilevered Film Supply Spindle
- Power Film Unwind
- Product Clamp and Settler
- Product Poker
- Rugged Pressure Controlled Seam Seal Bar
- Full Safety Guarding and Interlocks
- Insight Color Touchscreen
- ETL Approved Electricals
- USDA Approved

1.3 OPERATING REQUIREMENTS**Electrical**

230 Volt AC, Single Phase, 50/60 Hz, 30 Amps each

Compressed Air

1.5 CFM @ 70 PSI for 100BPM

Temperature

Normal Ambient, 10-38° Centigrade
(50-100° Fahrenheit)

Humidity

Less than 90%, non-condensing

Film Core Inside Diameter

3" (76mm)

Maximum Film Roll Outside Diameter

20" (508mm)

1.4 OPTIONAL EQUIPMENT

- Quick Change Jaws
- Hole-Punch Jaws
- Film Splice Assist
- Special End-Seal Configurations
- Low Level Film Alarm
- Auto-Track: Automatic Film Tracking
- AutoSplice: Automatic Film Splicing (Includes Auto-Track)
- Ink or Ribbon Imprinters / Code Daters
- Integrated Code Dater Mounts and Controls
- Centralized Lubrication
- Timed Automatic Lubrication
- Special Power Requirements
- Block Bottom Bag Sealing System
- Stainless Steel Constriction
- Voltage Transformers for Non-Standard.
- Gas Flush Provisions.
- Bag Styles.