

Legendary Reliability with 21st Century Design... It's a WOODMAN!

The new Apache bagmaker brings "Woodman" reliability and innovation to the "non-snack" food industry. Leveraging over 60 years experience packaging some of the world's most difficult products, the Apache brings a new level of operator ease of use, speeds, and package size flexibility to applications including candy, nuts, crackers & cookies, cereals and powders.

Investment Savings Through Innovation

One of Kliklok-Woodman's priorities is to deliver "best in class" value and performance. Woodman bagmakers are known around the world for their cost-saving dependability and durability, and the Apache only improves upon that. We've used non-proprietary, top-tier, "off the shelf" machine control components in a full servo design to lower your total cost of ownership.

To save even further on costs, the Apache is built on a new "Flex-Mount" welded tubular steel frame. This center-balanced frame is designed to bear the weight of weighers, augers and volumetric fillers, eliminating the need for additional independent support structures and mezzanines. And the low overall machine height provides greater installation flexibility.

Overhead Savings Through Ergonomics and Flexibility

Kliklok-Woodman packaging machines are renowned for their flexibility, easy change-over and maintenance access. The Apache's innovations are leading the way for our next generation of bagmakers:



The film supply has been greatly simplified, reducing the downtime spent threading film — and the film unwind is now direct-drive, eliminating secondary braking and providing better performance.



The new seam seal bar design is virtually fool-proof. It sets up in seconds and is self-positioning to eliminate operator error and reduce changeover time and film waste.



Servo-actuated jaw crank arms are sturdier for longer service life and higher sealing pressure. Maintenance free bearings and guides are all dust tight and long wearing.



The electrical enclosure is designed to "swing open" to allow total access to the machine interior from either side, improving sanitation and reducing maintenance downtime.



KW's industry-leading Insight® color touch screen HMI is intuitive and self tutoring. Automatic programming eliminates operator error and ensures consistent performance regardless of shift or operator skill. Apache also offers enhanced diagnostics and both networking and remote connectivity options.



PERFORMANCE

SPEED: Variable from 10 to 120 bags per minute

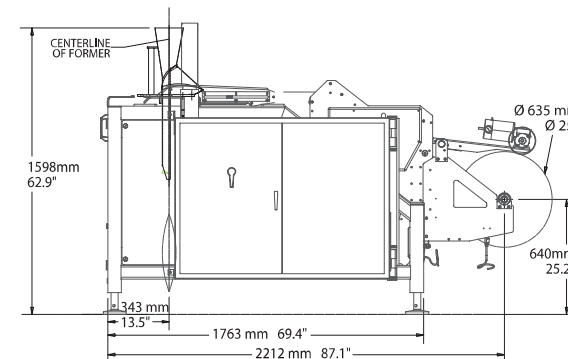
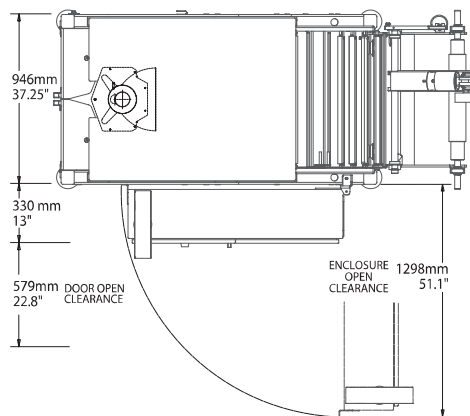
Actual speed depends upon product characteristics, bag size, packaging material and filling system.

BAG SIZE RANGE: MIN. MAX.

Width 63 mm (2.5") 305 mm (12")

Length 76 mm (3") 559 mm (22")

BAG STYLES: Pillow Pouch (fin or lap seal),
Flat/Block Bottom, Gusseted



OPERATING REQUIREMENTS

ELECTRICAL: 480 VAC $\pm 5\%$, 3-Phase with ground (PE), 50/60 Hz, 15A

Electrical system conforms to Safety and Code of Compliance Editions of HSWA, IEC (ENC60204) and NFPA 79. CE/ETL approved. System meets Category 3 safety requirements.

AIR: 42 L/min (25 CFM) @ 4.8 bar (70 psi) for 100 bpm

ENVIRONMENT: Normal ambient temp. 10–38°C (50–100°F), less than 90% condensing humidity.

FILM CORE INSIDE DIAMETER: 76mm (3")

Max. FILM ROLL OUTSIDE DIAMETER: 533mm (25")

Max. FILM ROLL WEIGHT: 204 kg (450 lbs)

CONSTRUCTION

Welded tubular stainless-steel-powder-coated steel frame with hard-anodized aluminum.

STANDARD FEATURES

- Steel Flex-Mount frame
- Servo motor-controlled film pull belts
- Servo motor-controlled jaw seal actuation
- Direct-drive film unwind
- Swing-away hinged electrical enclosure
- Insight® Color Touch Screen HMI
- Comprehensive performance reporting, diagnostics and troubleshooting
- Shorter film supply path with straight-line threading, self-locking festooned rollers and simplified dancer bar
- High-capacity web handling (25" roll)
- Self-aligning seam seal bar
- Automatic program setup
- Instant program changeover
- "Off the shelf" machine control components
- Quick-change former assembly
- Registration control
- Full safety guarding and interlocks
- Ancillary device isolated interface strip
- 110-volt convenience outlet and data port
- Lubrication-free bearings and guides

OPTIONAL FEATURES

- Direct-to-frame weighers/fillers support
- Special end-seal configurations
- Flat/Block-bottom bag sealing system
- Quick-change jaws
- Hole-punch jaws
- Perforated bag strip
- Notcher
- Promotional strip
- Cereal mods
- Automatic film tracking
- Low level film alarm
- Film splice assist
- Cantilever film spindle
- Vacuum pull assist for high-slip materials
- Ink, ribbon or thermal imprinters
- Integrated code-dater mounts and controls
- Programmed nitrogen flush
- Network connectivity