

APACHE CM

Bagmaker

Continuous Innovation to an already-World Class Design... It's a WOODMAN!

The Apache CM bagmaker brings a revolutionary continuous motion sealing system to the acclaimed Apache bagmaker. Leveraging nearly 70 years of experience packaging some of the world's most difficult products, the Apache CM brings a new level of speed, operator ease of use, and package size flexibility to applications including cereals, crackers and cookies, candy, nuts, and powders.

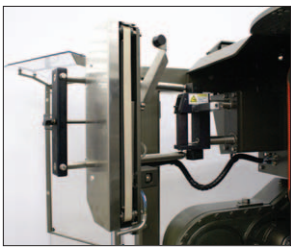
Investment Savings Through Innovation

Woodman bagmakers are known around the world for their best in class value and performance, cost-saving dependability and durability — and the Apache CM only improves upon that. We've used non-proprietary, top-tier, Allen-Bradley® machine control components in a full servo design for increased reliability and lower total cost of ownership.

The Apache CM is built on a cost-saving "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 independent support structures and mezzanines, and the low overall machine height provides greater installation flexibility.

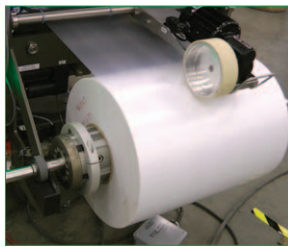
Overhead Savings Through Ergonomics and Flexibility

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



Easy-Setup Rotary Seam Seal

A unique rotary back seal requires no drive motor. The simple pressure controlled systems uses a Teflon® sealing band and is self-aligning to ensure consistent smoothly ironed seals. Set up is virtually fool proof reducing changeover time and film waste.



Large Film Roll Handling

The Apache CM can safely hold a film roll up to 25" in external diameter, weighing up to 300 lbs, providing extended run time at high speed. An optional film rack keeps another full roll at the ready for fast splicing and minimal downtime.



Maximum Access

The electrical enclosure swings away from the frame to allow total access to the machine interior from either side, improving sanitation and reducing maintenance downtime.

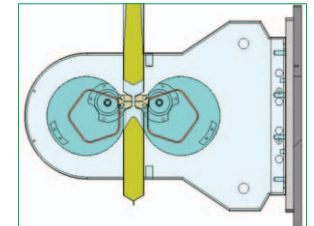
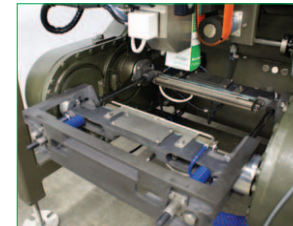


Easy Operation

KW's industry-leading Insight® color graphic touch screen HMI is intuitive and self tutoring. Automatic programming eliminates operator error and ensures consistent performance regardless of shift or operator skill. Enhanced diagnostics are standard.

Patented Hypocycloidal Drive

The patented sealing motion is based on a hypocycloidal geometric path. This motion generates a linear output from a pure, rotary input, providing extended seal dwell time, high speeds and superior seal integrity across a wide range of materials.



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PERFORMANCE

SPEED: Variable from 10 to 160 bags per minute

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

BAG SIZE RANGE:	MIN.	MAX.
Width	2 1/2" (63 mm)	13 3/8" (340 mm)
Length	3" (76 mm)	22" (559 mm)

BAG STYLES: Pillow Pouch (fin or lap seal), Gusseted

OPERATING REQUIREMENTS

ELECTRICAL: 460 VAC ±5%, 3-Phase w/ ground (PE), 50/60 Hz

NORMAL POWER CONSUMPTION: 7 kVA

SERVICE REQUIRED: 30 amps @ 460 VAC

AIR: 1.5 CFM (43 L/min) at 70 psi (4.8 bar) for 100 bpm (25 CFM / 707 L/min at startup)

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

FILM CORE INSIDE DIAMETER: 3" (76mm)

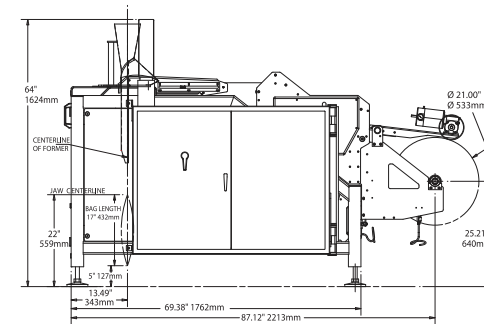
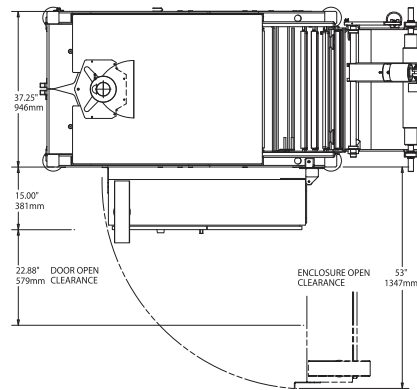
Max. FILM ROLL OUTSIDE DIAMETER: 25" (635mm)

Max. FILM ROLL WEIGHT: 300 lbs (136 kg)

CONSTRUCTION

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

Approximate shipping weight: 3000 lb (1364 kg)



STANDARD FEATURES

- Continuous motion profile
- Patented servo motor-controlled Hypocycloidal end seal jaws
- Self-aligning continuous motion rotary seam seal bar
- Open-design tubular steel Flex-Mount frame
- Servo motor-controlled film pull belts
- Powered film unwind
- Swing-away hinged electrical enclosure
- Insight® Color Graphic 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)
- Automatic program setup
- Instant program changeover
- Allen-Bradley® machine control components
- Quick-change former assembly
- Electronic registration control
- Full safety guarding and interlocks
- Ancillary device isolated interface strip
- 110-volt convenience outlet and data port
- NFPA / NEC approved electricals
- Meets Category 3 safety requirements

OPTIONAL FEATURES

- Direct-to-frame weigher support
- Stainless steel frame
- Special end-seal configurations
- Six-channel temp control with auto-tuning capacity
- Herrmann ultrasonic sealing
- Gusseted bag format
- Quick-change jaws
- Hole-punch jaws
- Perforated bag strip
- Wavy knife
- Notcher
- Promotional strip
- Cereal mods
- Automatic film tracking
- Low level film alarm
- Film vacuum splice assist
- Vacuum film advance
- Integrated code-date imprinters, mounts and controls
- Programmed nitrogen flush
- Ethernet connectivity

KW

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