

405

Automatic Stretch Wrapping Machine



Rugged, metal **construction** is built for durability, reliability and years of dependable service.

Maximum ring rotation **speed** of 16 RPM for throughput rate up to 50 loads per hour.

Forklift portable from either the front or the rear of the machine.

33" Ring gear bearing and precision ground pinion gear **drive** ensures consistent rotation speed, easy maintenance and accurate home positioning.

Prestretch carriage uses a low inertia VDC/SCR motor control Strain-Gauge feed-back-loop which varies the film feed speed to keep a constant force to load regardless of load position, size or shape.

Film delivery system uses a 20" film roll width, handles films from 0.4 gauge to 1.0 gauge and prestretches film 200% for superior **economy**.

Angled carriage allows wrapping within 2 ½" above the conveyor which secures loads to pallets.

High-speed wrap counting system provides **accurate** top and bottom wrap counts to help reduce film waste.

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The 405 Automatic turntable stretch wrapper is designed for efficient and economical pallet wrapping in low to medium volume applications.

Performance

Loads per hour	40 to 50+
Rotation speed	16 RPM (Optional 15 to 18 rpm)
Maximum load size	54"L x 50"W
Maximum load height	80" (Optional Extended heights)
Pass height	20" Top of rollers to floor
Maximum load diagonal	72" (Optional Extended diagonals)
Standard load weight	4,000 lbs. (Optional Up to 6,000 lbs.)

SG2000 Film Delivery Carriage

Film size	20" (Optional 30")
Prestretch type	Power assisted (Strain gauge)
Prestretch level	200% standard (Opt. 50% - 300%)
Force to load	Strain gauge Analog Feed back
Construction	6061 machine aluminum

Film Tail Sealing

Cut & Seal Arm	Pneumatically driven cycle
Cutting	Timed Impulse cut wires
Sealing	Timed Impulse seal wire

Construction

Carriage Lift System

Lift type	Dual #40 chain ACLA Roller guides
Drive motor	1/2 HP 90 VDC TENV
Drive type	VDC/SCR drive
Drive control	Variable speed /dynamic braking

Turntable

Diameter	76" Diameter – ½" Steel plate
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Turntable Conveyor

Rollers	3 ½"Ø @ 3 ¾" Centers 11ga.
Drive motor	1/2 HP 90 VDC TENV
Drive type	VDC/SCR drive
Drive control	Variable speed / reversing
Support	Pillow block bearings

Turntable Rotation Drive

Drive motor	1 HP 230 VAC TEFC Sew Eurodrive Gear Motor with electromechanical brake
Drive type	Mitsubishi VFD
Drive control	Variable speed /dynamic braking
Support	33" Ring gear with pinion gear

Frame construction

Portability	Forklift from either end
Construction	Formed & structural Steel frame
Shipping Weight	3,150 lb. (approx.)

Electrical Requirements

Voltage	240 VAC, 1Ø, 30 amp, 60 Hz
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Controller

Type	Allen Bradley MicroLogix 1200 PLC
Operator Interface	Allen Bradley Micro 300 Panelview
Control box	Located in machine tower ~2' x 4' NEMA 12 dust tight
Pushbuttons	NEMA 4 industrial grade