



NITECH IPM®
NITECH INTERNATIONAL PACKAGING MACHINES

77204-LPPS-60 Power Pre-Stretch Film with Semi-Automatic Operation and Full Color Touch Screen

Overview

The NITECH 77204-LPPS-60 is our most popular Low Profile model. It is designed for operations that want the convenience of semi-automatic wrapping while reducing film usage. With a powered pre-stretch system and low-profile turntable, it combines efficient film delivery with easy pallet jack loading.

Load the turntable, attach the film to the pallet, select a program, and press start. The machine automatically wraps the load as the carriage travels upward, sensing the top with a photo eye before applying preset top wraps. The carriage then reverses direction and continues wrapping as it lowers, stopping in the same position for easy unloading.

The powered pre-stretch system extends the film before application, allowing more coverage from each roll while maintaining consistent load containment. This helps reduce material usage while improving wrapping efficiency across each load.

Features

- ✓ Low-profile turntable for pallet jack loading with/ optional ramp
- ✓ Power pre-stretch film delivery system
- ✓ Automatic wrap cycle with photo eye load height sensing
- ✓ Programmable wrap cycles with preset top and mid wraps
- ✓ Film tension adjustment (force-to-load control)
- ✓ Variable speed turntable with soft start and stop
- ✓ Intuitive 4" color touchscreen for simple operation
- ✓ Durable all steel construction
- ✓ 4,000 lb load capacity
- ✓ Scale option available



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Specifications

Machine Profile	Low Profile
Maximum Load Size	52" x 52" x 80"
Product Capacity	30 Loads Per Hour
Machine Dimensions	108"L x 60"W x 94"H
Weight Capacity	4,000 LB.
Electrical Data	120 VAC 60 Hertz 20 Amps, Conventional Style 3 Prong 20' Power Cord, NEMA 12 Enclosure with Gasketed door, UL Approved Components
Turntable Size	60" Round Turntable w/2" Safety Skirt
Turntable Height	2 7/8"
Turntable Drive	1/2 hp DC Motor (Totally Enclosed Fan Cooled), 4 Point Cam follower Supports (5,000 lb. capacity each), Heavy-Duty #50 Roller Chain and Drive Sprockets, High Efficient Lubrication Free helical gear box, Synthetic Lube in all Gearboxes (-30 to 120 Degrees), Turntable Indexing Home Alignment, Variable Speed 0-15 RPM with Soft Start and Soft Stop
Controls	4" Color Touch Screen with 5 Modifiable Programs, Manual Back-Up Operating System. Real Time Machine Alerts From Touch Screen, Turntable Variable Speed Dial, Carriage Variable Speed Dial, Film Tension Dial (Force to Load), Turntable Jog, Emergency Stop Button, On/Pause Button, Start/Resume Switch, 3 Indicator Lights Power, Ready and Tension, Liquid Crystal Display (LCD), Non-Resetttable cycle counter, Resetttable counter, Photo Eye for Automatic Load Height Sensing
Film Delivery	20" PPS Powered Pre-Stretch Film Delivery, Easy Thread Film Carriage, Pre-Stretch level 200% fixed. (Gear switch to 250%, 275% or 300%), Accepts 20" Rolls of Stretch Film on 3" Core. 1/3 HP DC 90 Volt Motor
Film Carriage	Variable Speed Carriage 0-20 FPM, 1/4 HP 90 Volt DC Motor, #40 Chain Carriage Lift, Carriage Kill Switch Top/Bottom, Adjustable Lower limit Switch, Top Over Wrap, Automatic and Manual Belly Wrapping
Tower Construction	80" Wrap height using 20" Film, Carriage Kill Switch Top/Bottom, Formed All Steel Tower, Maintenance Free UHMW Full Tower Slides, Optional wrap heights available up to 116"
Frame Construction	All Welded Steel Construction, Custom Formed Steel Channel, Easy Access to all Components, Forklift Portable from Front, Industrial Powder Coated Paint Finish
Power Required:	115 volts, 50/60 htrz, 20 Amp Service
Technical Documentation	Complete Electrical Schematics, Complete Operators Manual, Illustrated Parts Break down
Warranty	4 Year Limited Warranty (100% of All Components), 10-Year Structural Warranty , 5-Year Gearbox
Average Cycle Time	1 minute 20 seconds wrapping 40" x 48" x 60" pallet with 12 wraps. Load configuration will vary wrap cycle.
Shipping Weight	1,520 lbs.



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