



NITECH IPM®
NITECH INTERNATIONAL PACKAGING MACHINES

77204D-LP-60 Brake Motor Film Delivery With Semi-Automatic Operation, Color Touch Screen and Heavy Duty Capacity

Overview

The NITECH 77204D-LP-60 is designed for operations that need consistent, repeatable wrapping with the added convenience of low-profile loading. Using a brake motor film delivery system and automatic wrap cycles, it reduces the need for manual control during the wrapping process.

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.

This automated cycle helps improve consistency from load to load while maintaining reliable film tension and containment across a range of pallet types.

Features

- ✓ Low-profile turntable for pallet jack loading w/optional ramp
- ✓ Brake motor powered stretch film delivery system
- ✓ Automatic wrap cycle with photo eye load height sensing
- ✓ Programmable wrap cycles with preset top and bottom & mid wraps
- ✓ Film tension adjustment (force-to-load control)
- ✓ Variable speed turntable with soft start and stop
- ✓ Intuitive touch screen for simple operation
- ✓ Durable all steel construction
- ✓ 4,000 lb load capacity



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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 GearMotor (Totally Enclosed Fan Cooled), 4 Point Cam follower Supports (4,000 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-Resettable cycle counter, Resettable counter, Photo Eye for Automatic Load Height Sensing
Film Delivery	20" Brake Roller Powered Stretch, 8 Adjustable Film Stretch Settings (Brake Roller), Stretch Level 30% to 150% Force to Load, Accepts 12" - 20" Rolls of Stretch Film/ Netting on 3" Core, 1/6 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, Adjustable Lower Limit Switch, 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 Structure 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	1,175 lbs



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