



NITECH IPM®
NITECH INTERNATIONAL PACKAGING MACHINES

77205D-PS Power Pre-Stretch Film Delivery with Semi-Automatic Operation, Color Touchscreen and Heavy Duty Capacity

Overview

The NITECH 77205D-PS is designed for operations that need consistent, repeatable wrapping with reduced film usage. Built on the D-series platform, it provides semi - automatic wrap cycles with the added benefit of power pre-stretch film delivery.

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 tight, consistent load containment. This helps reduce material usage while delivering reliable results across each load.

Features

- ✓ Power pre-stretch film delivery system
- ✓ No-thread film carriage for quick film loading
- ✓ Automatic wrap cycle with photo eye load height sensing
- ✓ Programmable wrap cycles with preset top and bottom wraps
- ✓ Film tension adjustment (force-to-load control)
- ✓ Variable speed turntable with soft start and stop
- ✓ Intuitive control system for simple operation
- ✓ Heavy-duty all steel construction
- ✓ Industry-leading warranty (4-year components, 10-year structure, 10-year gearbox)
- ✓ 4,000 lb load capacity
- ✓ Scale option available



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info@nitechipm.com



800-237-6496



Specifications

Weight	1250
Machine Profile	High Profile
Maximum Load Size	52" x 52" x 77"
Product Capacity	40 Loads Per Hour
Machine Dimensions	111"L x 48"W x 86"H
Weight Capacity	4,000 LB.
Electrical Data	120 VAC 60 Hrtz 20 Amps, Conventional Style 3 Prong 20, Power Cord, NEMA 12 Enclosure with Gasketed door, UL Approved Components
Turntable Size	48" Round Turntable w/4" Safety Skirt
Turntable Height	11 3/4"
Turntable Drive	3/4 hp DC Motor (Totally Enclosed Fan Cooled), Heavy-Duty Direct Drive Gear Box w/ 2 1/4 output, Lubrication Free Enclosed gear drive design, Synthetic Lube in all Gearboxes (-30 to 120 Degrees), Turntable Indexing Home Alignment, Variable Speed 0-12 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" 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. 1/4 HP DC 90 Volt Motor
Film Carriage	#40 Chain Carriage Lift, HP 90 Volt DC Motor, Adjustable Lower limit Switch, Automatic and Manual Belly Wrapping, Dispenser Kill Switch Top/ Bottom, Top Over Wrap, Variable Speed Carriage 0-20 FPM
Tower Construction	77" Wrap height using 20" Film, Adjustable Lower Limit Switch, Carriage Kill Switch Top and Bottom, Formed All Steel Tower, Maintenance Free UHMW Full Tower Slides, Optional wrap heights available up to 116
Frame Construction	All Welded Steel Construction, Easy Access to all Components, Forklift Portable from Front and Rear, Heavy-Duty Structural Tube and Plate, 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 Turntable Reducer Warranty, 10-Year Structural Warranty
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	1,250



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