



NITECH IPM®
NITECH INTERNATIONAL PACKAGING MACHINES

772020D Brake Motor Film Delivery with Automatic Cycle and Photo Eye Load Sensing

Overview

The NITECH 772020D is designed for operations that need consistent, repeatable wrapping with more control over film delivery. Built on a high-profile platform with brake motor powered stretch film delivery, it provides automatic wrap cycles and adjustable film tension for a wide range of load types.

Load the turntable, attach the film to the pallet, select one of the programmed wrap sequences, and press start. The machine automatically wraps the load as the carriage travels upward, senses the top with the photo eye, applies the programmed wraps, then reverses direction and completes the cycle before stopping in position for easy unloading.

This combination of automatic cycling and controlled film payout helps improve load-to-load consistency while giving the operator more control over film tension and wrap performance than basic manual systems.

Features

- ✓ Brake motor powered stretch film delivery system
- ✓ Accepts 20" machine stretch film
- ✓ Automatic wrap cycle with photo eye load height sensing
- ✓ 4" color touchscreen HMI with 6 programmable wrapping sequences
- ✓ Adjustable film tension control (force-to-load)
- ✓ Variable speed turntable with soft start and stop
- ✓ Automatic and manual belly wrapping
- ✓ Intuitive control system for simple operation
- ✓ Heavy-duty all steel construction
- ✓ Industry-leading warranty (4-year components, 10-year structure, 10-year gearbox)
- ✓ 6,000 lb load capacity
- ✓ Scale option available



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Specifications

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	6,000 lbs.
Electrical Data	120 VAC 60 Hertz 20 Amps, Conventional Style 3 Prong Power Cord, NEMA 12 Enclosure with Gasketed door, UL Approved Components
Turntable Size	48" Octagon Turntable w/6" Safety Skirt
Turntable Height	11 3/4"
Turntable Drive	3/4 hp DC Motor (Totally Enclosed Fan Cooled), 4 Point Caster Supports (1,800 lb. capacity each), 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	3 Indicator Lights Power, Ready and Tension, 4" Color TouchScreen HMI, 6 Programmable Wrapping Sequences, Dispenser Variable Speed Dial, Emergency Stop Button, Film Tension Dial (Force to Load), Liquid Crystal Display (LCD), Non-Resettable cycle counter, On/Pause Button, Photo Eye for Automatic Load Height Sensing, Start/Resume Switch, Turntable Jog, Turntable Variable Speed Dial
Film Delivery	1/15 HP DC 90 Volt Motor, 8 Setting Adjustable Variable Film Stretch (Brake Roller), Accepts 12"-20" Rolls of Stretch Film on 3" Core, Brake Motor Powered Stretch, Stretch Level 30% to 150% Force to Load
Film Carriage	#50 Chain Carriage Lift, 1/4 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, Dispenser 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, 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 hertz, 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 Gear Reducer Warranty, 5-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	1,520 lbs.



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