



MECHADYNE

Mechadyne Machine Inc.

434 Industrial Park Road

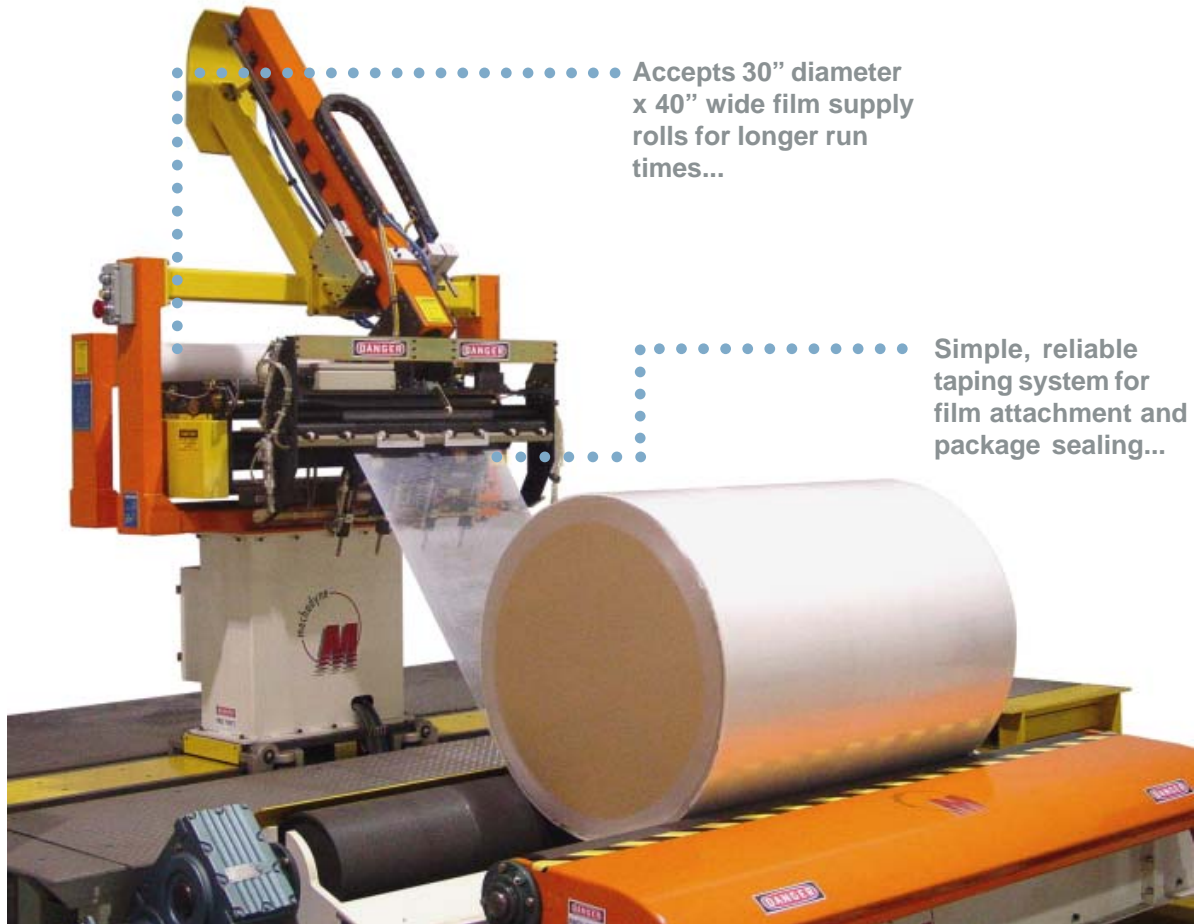
Cartersville, Georgia 30144

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Roll Packaging Systems



Accepts 30" diameter x 40" wide film supply rolls for longer run times...

Simple, reliable taping system for film attachment and package sealing...

HTW-300

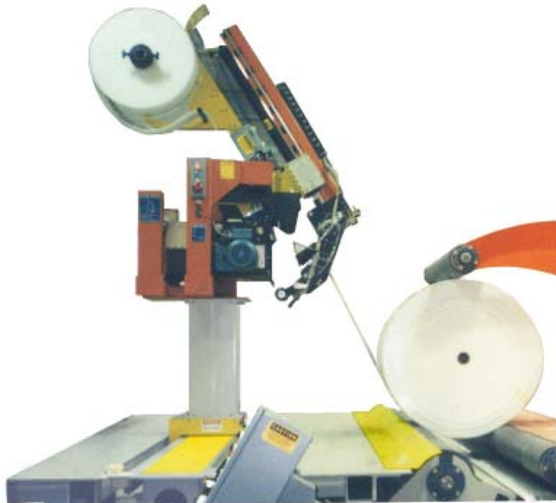
LOW PROFILE

The HTW-300 Low Profile is a high speed, automatic Packaging System engineered to provide dependable and consistent protection for all your rolls, regardless of size. With a production rate of 90 rolls an hour or more, the HTW-300LP is a high-capacity, flexible system that can be incorporated into your existing production line. Offering unique features such as electronically adjustable film prestretch and package tension, the HTW-300LP can provide roll packaging that is tailored to each of your customers. Add the automatic Label Applicator, or other advanced roll handling options available from Mechadyne, and the HTW-300LP becomes a complete high-speed, automated packaging solution!

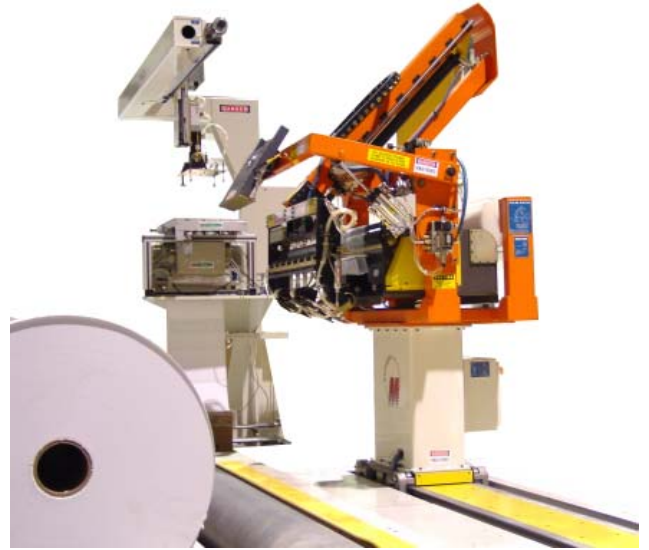
...a revolution in roll packaging!

HTW-300

LOW PROFILE



OPTIONAL ENHANCED EDGE PROTECTION



OPTIONAL LABEL APPLICATOR

Standard Features and Specifications

Roll Size Range:	Diameters from 10 - 100 inches Widths from 10 - 220 inches Weights up to 10,000 lbs
Production Capacity:	Automatic - 90+ rolls per hour Contact Mechadyne for a through-put calculation specific to your application
Wrapping Speed:	650 feet per minute (surface speed of roll)
Utilities:	480VAC/3-Phase/4-Wire Wye, 100 Amps Service 12 CFM Compressed Air at 80 PSI
Control Features:	Allen-Bradley PLC5/30 Programmable Logic Controller for maximum flexibility 4-axis servo controls for demanding packaging requirements Free standing NEMA 12 control cabinet with cooling system Color touch-screen with user friendly controls for operation, setup and diagnostics Automatic roll diameter sizing Automatic roll width sizing Customer-definable wrap styles (end wraps, overlap, film layers) Automatic film cutting with non-contact nicrome wire
Film Delivery Features:	10 - 40 inch Film Width Powered Pre-Stretch 30 inch diameter film supply roll for fewer film changes Film gauge up to 3-mil Film prestretch up to 300% or more, depending on film type Can use cast or blown films Electronically adjustable package tension and film prestretch Film Broken/Out Sensor with Indicator Light Twin servo motors provide high speed and flexibility
Film Carriage Drive:	Heavy-duty roller bearings for carriage support Reinforced belt-drive requires no lubrication for ease of maintenance Servo motor drive controlled by PLC for consistent packaging on all rolls Over-travel switches prevent damage to drive system
Design Features:	Structural steel tubing and heavy-duty steel plate for long life in rugged environments Open mechanical design for ease of maintenance Easy access to all components Industry-standard components

