



MECHADYNE

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Roll Packaging Equipment

Head Applicator AUTOMATIC



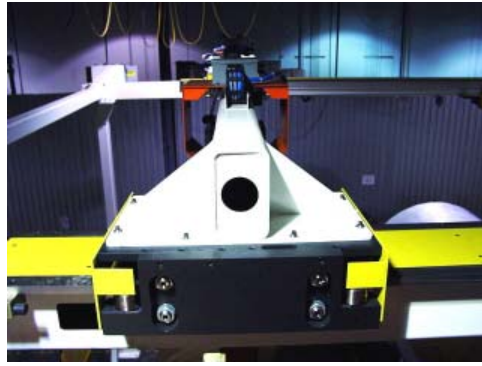
Mechadyne's automatic Head Application System is engineered to pick heads from a storage stand and transfer them to each end of a roll or group of rolls prior to wrapping. The system provides the ability to place either one or two heads on the roll, or to simply hold multiple rolls together during the packaging cycle.

Featuring a three-axis design, the system uses a combination of precision electric drives and pneumatic cylinders to deliver heads to the roll. Multiple safety interlocks help protect operators and prevent damage to the equipment.

...a revolution in roll packaging!

Head Applicator

AUTOMATIC



X-AXIS CARRIAGE ASSEMBLY



Y-AXIS DRIVE ASSEMBLY



Z-AXIS ASSEMBLY



HEAD STORAGE STAND

Standard Features and Specifications

Head Size Range:	Minimum Diameter - 30 inches Maximum Diameter - 84 inches <i>Consult Mechadyne for allowable system range.</i>
Production Capacity:	Automatic - Up to 60 cycles per hour <i>Contact Mechadyne for a through-put calculation specific to your application</i>
Header Stock:	Corrugated Medium - Self-supporting Chipboard Medium - Self-supporting
Utilities:	480VAC/3-Phase/4-Wire Wye, 100 Amps Service 12 CFM Compressed Air at 80 PSI
Control Features:	Allen-Bradley Programmable Logic Controller for maximum flexibility Free standing NEMA 12 control cabinet User friendly controls for operation and setup Automatic roll diameter sizing Automatic roll width sensing
Drive System Features:	Heavy-duty roller bearings for carriage support Reinforced belt-drive requires no lubrication for ease of maintenance Variable speed 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

