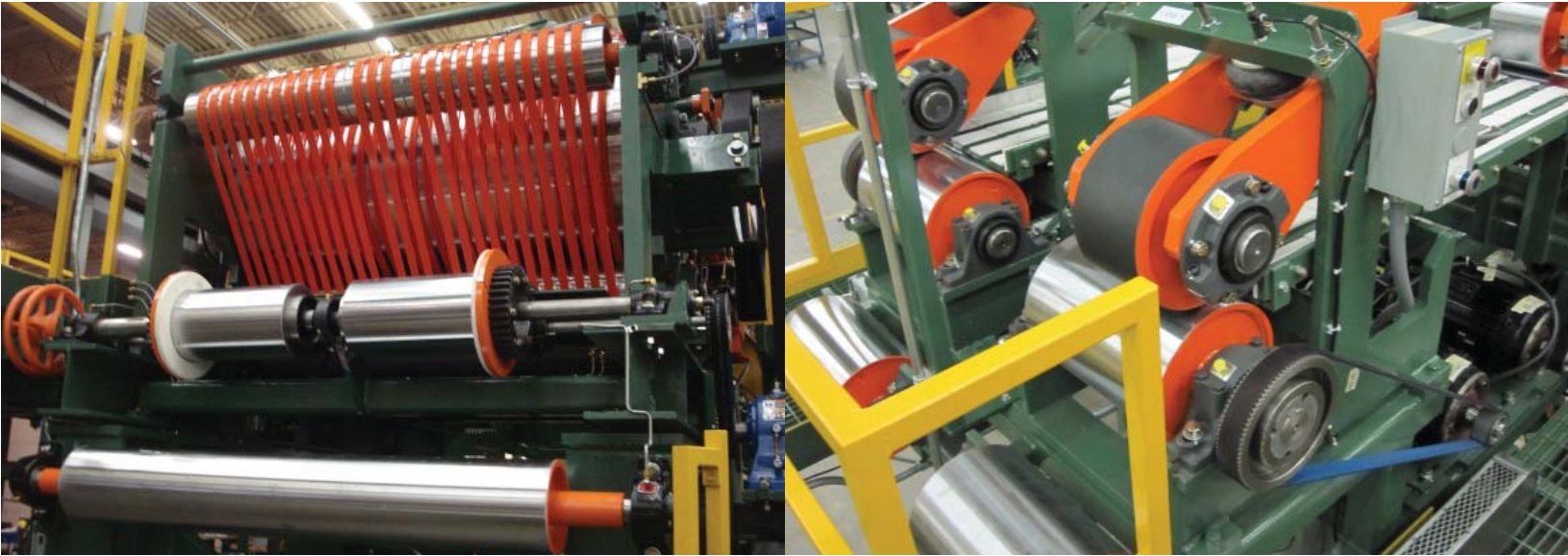


## Equipment Upgrades



### Improve the performance of your older equipment with reliable upgrades

- Replace or upgrade old and obsolete controls
  - Improve process capabilities
- Increase productivity and reduce waste

# Available Upgrades

## Unwind Stand

- Carbon Fiber Shaft & Air Chucks
- Swing Arm Assembly
- Tension Brake Automation

## Blender

- Servo Drive Conversion

## Cooling Section

- Atomized Water Spray Bars

## Finished Product Looper

- Loop Forming
- Sheet Puller

## Laminator

- Adhesive & Sealant Scrapers
- Adhesive & Sealant Scraper Automation
- Pull Roll & Press Roll Stand
- Steering Roll Automation

## Shingle Cutter

- Carriage Gearbox (UIP Style)
- Grooved Measuring Belt Rolls
- Carriage Parting Blocks
- Hydraulic Carriage Raising
- Poly Coated Measuring Drum
- Carriage Power In/Out

## Cutter Cylinders

- Replaceable Knife Inserts
- Replaceable Bumper Rings

## OHB Conveyor

- Servo Diverter
- Grooved Belt Rolls

## Stacking System

- Servo Driven Starwheel & Drop Plate

## Shingle Bundle Palletizer

- Air Driven Rollers
- Driven Power Nose
- Hydraulic Power Unit
- Layer Squaring Upgrade
- Patterning Belts
- Servo Lugging
- Servo Transfer Belt
- Servo Shuttle
- Shuttle Roller Bearings
- SLB-1500 Scissors Lift
- Sonar Deceleration System

## Crodon

- Guide Flanges
- Wear Strips
- Looper Flights

## Roll Palletizer

- Electric Driven Shuttle & Upender

## Winder

- Servo Driven Eject
- Servo Driven Mandrel
- Servo Driven Cut-Off Knife
- Dual Cut-Off Knife



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