

Precision Slitting & Sheeting For Demanding Industries

Pepin Manufacturing can provide precision slitting and sheeting solutions for your next project. With slitting & rewinding capabilities from 62" wide masters to as narrow as .125", we can provide solutions for any project.



Wide Web Slitting and Rewinding Solutions

Key Features:

- Maximum Web Width: 62"
- Auto Knife Positioning For Quick Set-Up
- Tidland Class II male shear knives w/Knife Wicking Attachment
- Best-In-Class Closed-Loop Unwind & Rewind Tension Control System
- Shaftless, floor pick-up unwind w 4,000 lb. Weight capability and 50" O.D.
- Static Neutralization Bar System
- Upgraded Line Guide System-Accommodates +/-6" unwind correction

Rewind Specifications:

- 32" Maximum O.D.
- Plasma Coated Idler Rollers for Pressure Sensitive Adhesives
- Touch Roller System for Films

Rewind Slit Width - Material Dependent:

- Score Slitting: 1/2"
- Razor Slitting: 9/16"
- Shear Slitting: 2"
- Log Winding: 62"

Unwind Specifications:

- Unwind Maximum Roll Diameter: 50" diameter
- Compatible with both 3" and 6" Cores

Roll Unloading

- Roll Pusher For Quick Unloading
- Unloading Tree For Heavy Rolls



Dedicated Sheeter

- Ability to sheet to any custom sheet size from a 60" wide master roll.
- Ability to sheet various rollstock including polyester, polyurethane, polypropylene, PPSU, polycarbonate and other extruded films.



Narrow Web Slitting and Rewinding Solutions

Pepin Manufacturing offers several semi-automatic, narrow web slitter/rewinders designed to convert large master rolls of material—such as film, paper, foil, or labels—into narrower, smaller rolls with clean edges and consistent tension. With this precision slitter comes increased material handling flexibility by preparing rolls for packaging, labeling, or further processing.

Minimum Slit Width – 0.5" or 1/8" with a Rotary Die
Tolerances as Low as +/- .005 - .010". Dependent on:

- Material
- Rotary Die in Use

Roll Stock:

- Maximum Material Width – 13"
- Maximum Roll Diameter – 18"

Machine Specifications:

- Manual tension control
- Number of Unwind Mandrels – 1
- Unwind Mandrel Diameter – 3" or 6"
- Rewind Mandrels Available – ¾", 1", 1½", 3"

Tooling Capabilities:

- Knives Available: Razor Blades, Serrated Shear Knives, Pressure Air Knives
- Rotary Slitting Die, used to aid in achieving tight tolerances

Applications:

- Pressure-sensitive adhesives
- Medical-grade films and foils
- Non-woven and woven fabrics
- Foams and laminates
- Hydrogels and coated substrates
- Release liners and barrier films



Slitter of Both Material and Cores

Pepin Manufacturing offers a heavy duty, automatic, single blade roll slitter that can slit a wide range of materials such as foams, tapes, foils, rubber, non-wovens, textiles, laminates and other materials on rolls with a maximum outside diameter of 23" on a variety of core sizes. Pepin's state of the art slitter provides a wide range of features including slit widths in inches or millimeters, index positioning, batch and regular cuts, interval knife grinding, multiple speed knife entry, slow knife at core, knife off at core and dwell time at the grinder and core.

Minimum Core Diameter – 1"

**Tolerances as low as +/- .025".
 Dependent on Material**

Applications:

- Pressure-sensitive adhesives
- Medical-grade films and foils
- Non-woven and woven fabrics
- Foams and laminates
- Hydrogels and coated substrates
- Release liners and barrier films

Roll Stock		Single or Side Bevel Blade	Double Bevel Blade	Saw Tooth Blade
Standard 3" Mandrel	Max. Cuttable Width	61.5"	61.5"	61.5"
	Max. Loadable Width	82"	82"	82"
	Max. Diameter	23"	18"	18"
	Max. Weight	300 lbs	300 lbs	300 lbs
Standard 6" Mandrel	Max. Thickness (Material Dependent)	12"	12"	12"
	Max. Diameter	23"	18"	18"
	Max. Weight	400 lbs	400 lbs	400 lbs
	Max. Thickness (Material Dependent)	12"	12"	12"
Heavy Duty 6" Mandrel	Max. Diameter	23"	18"	18"
	Max. Weight	800 lbs	800 lbs	800 lbs
	Max. Thickness (Material Dependent)	12"	12"	12"