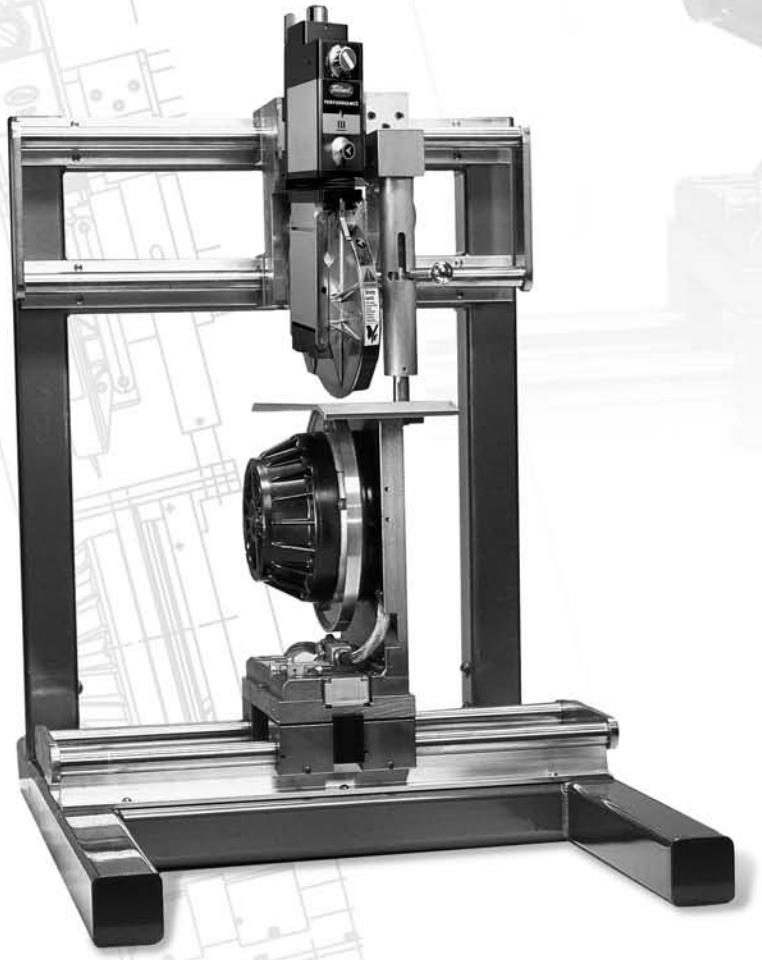
Tidland®

A Maxcess International Company

Hitchiker™
Mechanically Linked Slitting System



For applications involving multiple slits, the durable and reliable Hitchiker drastically reduces web-out slitter setup time and improves slit quality. This mechanically linked slitting system allows repositioning of knifeholders and anvil rings simultaneously, maintaining the critical upper-to-lower blade relationship. The entire slitting unit is easily repositioned on linear rail and bearing assemblies, and is securely held in position with a pneumatic brake system.

This affordable slitting system is available in two sizes, and is capable of handling smaller systems with 2-3 knives, as well as larger systems. The Hitchiker retrofits easily to most machines, accommodating virtually any web width and any number of slits. Units can be engineered to suit a horizontal or vertical web path.

SPECS
Specifications

	Class II	Class III
Carriages	Electroless nickel plated	Electroless nickel plated
Knife Blade	5.91" (150 mm) OD	7.87" (200 mm) OD
Anvil Blade	7.48" (190 mm) OD	9.84" (250 mm) OD
Minimum Slit Width	5.25" (133 mm)	6" (152 mm)
Speed Range (All Applications)	375 – 4,800 fpm* (114 – 1,463 m/min)	535 – 10,000 fpm* (163 – 3,049 m/min)

* Maximum speed is dependent upon applications and material. Lower speeds are available with gear reducer.

Knifeholder Air Requirements:
60-75 psi (4.1-5.2 bar) filtered, regulated dry air

Carriage Brake Air Requirements:
80-100 psi (5.5-6.9 bar) filtered dry air

AC Motor Ratings:
1/8 to 1-1/4 HP (0.11 – 0.96 kW)

Power Requirements:
230-460 VAC 3-Phase

KEY FEATURES

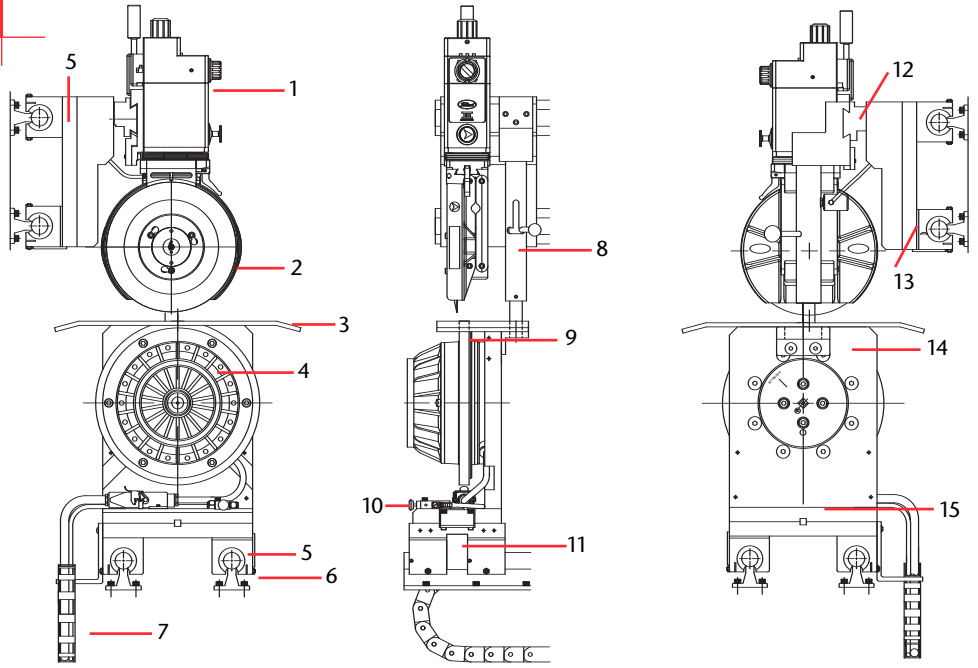
Key Features:

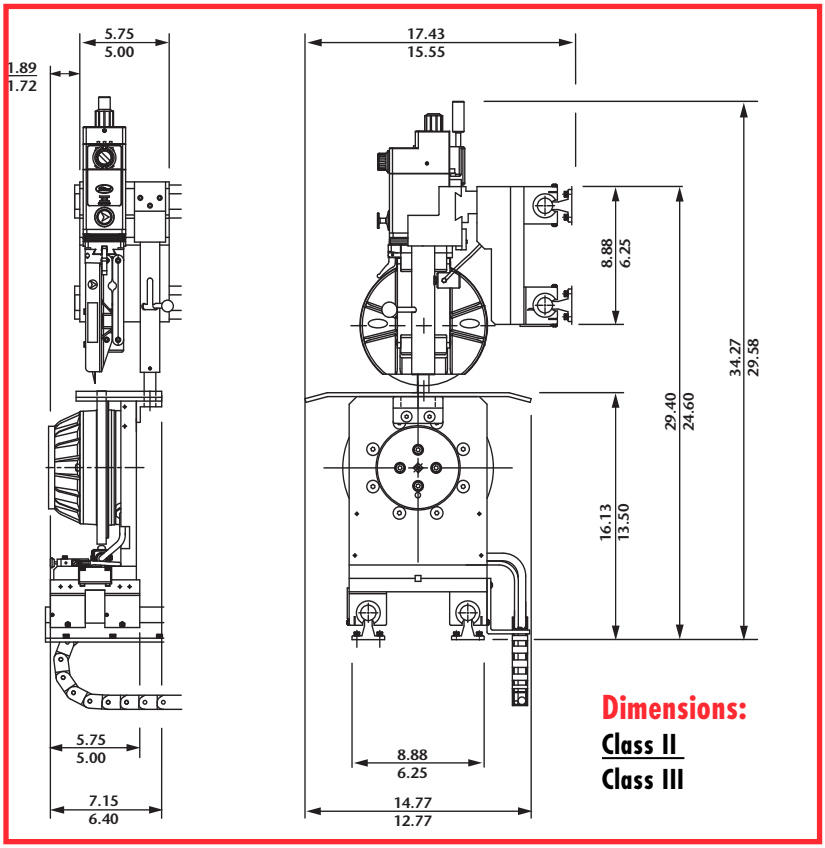
- Reduces web-out slitter setup time for applications involving multiple slits
- Mechanically linked system repositions knifeholder and anvil blade simultaneously for increased slitter setup accuracy and repeatability
- Built tough for reliable operations in mill-duty/heavy-duty environments
- Advanced design allows for easy retrofit, and minimal maintenance

Design Features

Nomenclature

1. Knifeholder
2. Knife Blade
3. Web Support Platen
4. AC Motor
5. Bearing
6. Linear Rail & Rail Support
7. Cable Management
8. Link Pin
9. Anvil Blade
10. Brake Release Button
11. Brake
12. Guidebar
13. Knifeholder Carriage
14. Motor Mount
15. Anvil Carriage





Dimensions:
Class II
Class III

Optional Equipment (may alter dimensions):

- Gear reducer (minimum slit widths are increased)
- Special motors based on speed requirements
- Custom web support platens
- Support frames
- Trim Chute

Complementary Products:

TIDLAND

Slitting Products & Systems
- Performance Series Knifeholders

Winding Products
- Boschert Safety Chucks

FIFE

Guiding Products & Systems

MAGPOWR

Tension Control Products

Torque Control Products

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