

FORDS

PACKAGING SYSTEMS

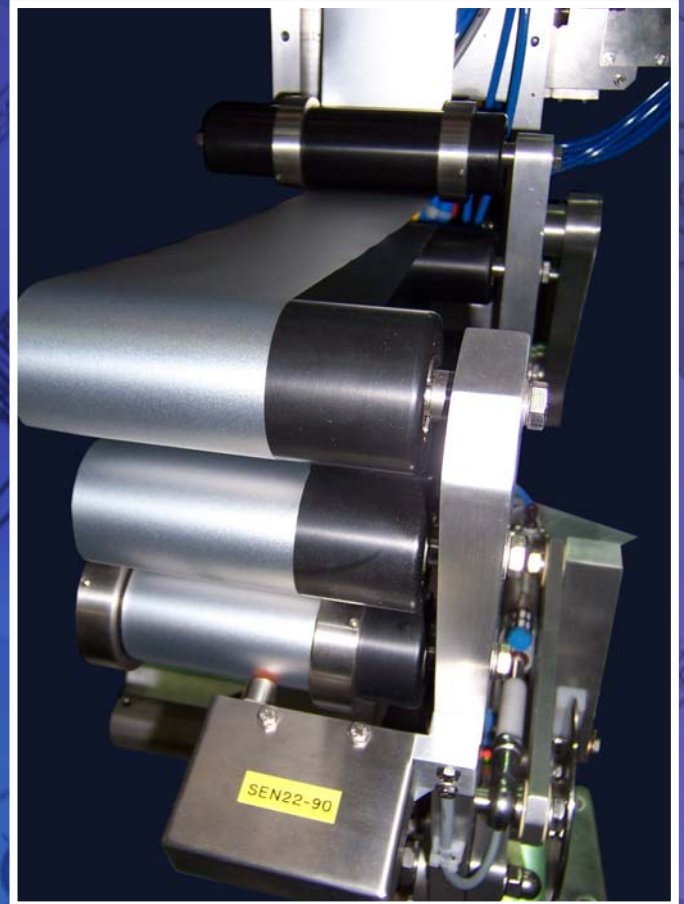


Foil Unwind Unit with Mechanical Disc Brake

Purpose

The purpose of the Fords Unwind Unit with Mechanical Disc Brake is to provide accurate tension of the aluminium foil during the reel unwinding operation. This development in unwinding and braking technology differs from traditional types as it incorporates a self-adjusting braking unit and vernier adjustment for foil path alignment. The noticeable results are reduced unwinding and braking problems and machine downtime whilst increasing machine reliability, efficiency and performance.

The Fords Unwind Unit with Mechanical Disc Brake unwinds the aluminium foil from a single reel maintaining foil tension control through the foil path via precision rollers. The resulting foil tension acts against a pressurised pneumatic cylinder that modulates braking effort, thus providing consistent tension in the foil. The Fords Unwind Unit with Mechanical Disc Brake may be supplied with either mechanical or pneumatic chucks for foil reel mounting.



Benefits

- Efficient Disc Brake principle – increased reliability and consistency.
- Braking effect can be adjusted dynamically.
- Self adjusting braking system.
- Can be supplied in either standard, tandem or auto-splice configuration.
- Only requires one constant air supply – no additional Press control.
- Easily maintained - user friendly.
- Modular design ensures easy integration – almost any Press machine.
- Increased Press reliability.
- Mechanical or pneumatic chucks may be incorporated.
- Improved foil control and reduced foil slippage.
- Low Foil / End of Foil detection system options may be incorporated.
- Vernier adjustment for improved foil path alignment.
- Short payback time required in recuperating the initial investment.



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