

# FORDS

## PACKAGING SYSTEMS

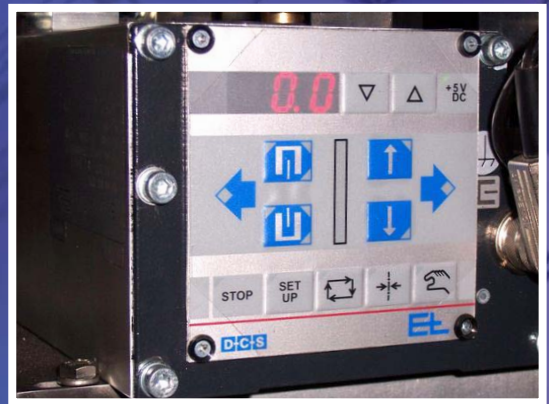
# Foil Guiding System



### Purpose

The purpose of the Fords Foil Guide System is to provide accurate positional control of aluminium foil when entering the Press Tool Unit. The noticeable results are reduced jams and machine downtime whilst increasing machine reliability, efficiency and performance.

The Fords Foil Guide System positions the aluminium foil with reference to either a predetermined foil edge or a printed line and is aligned and registered by a sensor. In full operation, the sensor scans the position of the aluminium foil and should this deviate from the set position, a signal is transmitted to a digital controller that calculates the magnitude of error. The controller corrects any deviation from the set position via a pivoting frame and prevents the foil drifting off centre and therefore ensures the predetermined foil position is maintained.



### Benefits

- Compensates for foil reel irregularities.
- Tolerant to operator errors and ensures unnecessary adjustment.
- Adjusts for loosely wound foil reels including 'telescopic' issues.
- Only requires 24VDC supply – no Press feedback signals.
- Easily maintained and programmed - user friendly.
- Modular design ensures easy integration – almost any Press machine.
- Increased Press reliability.
- Foil width may be reduced due to improved foil alignment.
- Reduced Tool Unit jams due to misaligned foil – beneficial for tool life.
- Short payback time required in recuperating the initial investment.

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