



Elite 370SDi Servo Die Cut Inspection Slitter Rewinder

Non Servo model also available



The Elite 370 SDi Servo Die Cut Inspection Slitter Rewinder, takes narrow web rotary die cutting and converting to the very highest level, the machine offers extremely high standards both in flexibility and performance.

The servo die cutting inspection slitter rewinder, is equipped with an electromagnetic particle unwind braking system and an ultrasonic sensor, which automatically calculates the amount of brake tension required, the unwind and rewind have separate variable tension control systems.

The draw roll is servo driven and controlled through a motion controller with the very latest servo technology allowing dynamic performance with great accuracy of positioning, speed and torque control, a HMI operator interface incorporates constant diagnostics and machine status. The SDI automatically decelerates and stops when the programmed length in metres/ labels is achieved, servo technology enables very precise results. Whilst the machine is in idle mode the web is automatically held in low torque mode, allowing quick and simple core replacement.

The robust rotary die cutting unit offers excellent access due to the machines unique design, our easy load die station enables the operator to load dies with very little effort required, the dies are loaded horizontally and not vertically as with most conventional die cutting equipment, the die station has been designed to accommodate most styles of dies i.e Nilpeter, Gallus, MarkAndy, MPS, Focus, etc, etc

Standard Features

- Web width 370mm die cut, 410mm Inspection
- 2000 metres unwind
- Electromagnetic particle brake, with ultrasonic roll compensation
- Digital roll end
- Variable speed 250 metres per minute
- HMI operator interface full diagnostics for ease of operation
- Easy load die station system
- Electronic controlled waste matrix rewind
- Inspection table with fixed master roll web clamps (fully interlocked)
- Adjustable splice table with dual web clamps (fully interlocked)
- Motion controller servo driven draw roll and rewind system
- Interchangeable pneumatic mandrels, one supplied with machine (size of customers choice)
- Cartridge rotary slitting (3 sets of blades included)
- 1 x set of die adaptors (of customers choice)
- Total and batch count
- Label in – Label out facility on finished roll
- Electronic controlled web guidance system with ultrasonic sensor
- 12 months manufacturers parts warranty ex works, Bradford, England

Optional Equipment

- Dual rewind
- Flag sensor
- Web advance arm
- Web break sensor
- 12mm - 76mm interchangeable pneumatic rewind mandrels
- 12mm - 25 mm mandrel support attachment
- Slitter blade set, 1 top + 1 bottom complete
- Cartridge razor slitting system 6 razors included
- Synchronized stroboscope
- Anti static eliminators
- Missing matrix and label detection system 5 lane
- Missing matrix and label detection system 10 lane
- 100% Inspection systems
- Integral roll lift
- Clear on clear sensor
- Ink jet system
- Hydrojacks
- Additional die adaptors
- 1 Metre unwind module unit

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