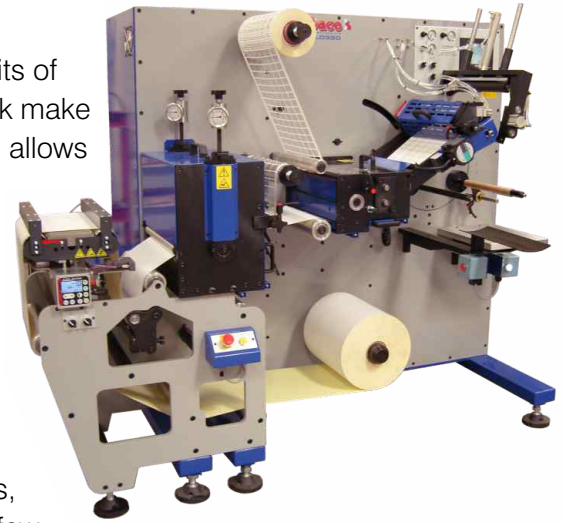


The Daco PLD 250/350/430 offers all the benefits of conventional turret rewinding but with very quick make ready times unlike conventional rewinding. This allows shorter runs to be produced both quickly and more efficiently.

The PLD250/350/430 is a very efficient die cutter with a semi-automatic turret rewriter for small roll production. Unlike traditional plain label die cutters, where the machine is stopped for a considerable time whilst operators cut and re-apply the web to the cores, the semi-automatic turret is only stopped for a few seconds whilst the turret indexes. New cores are applied to the rewind shaft whilst the machine is in production; the turret automatically cuts the web and applies the web to the cores.



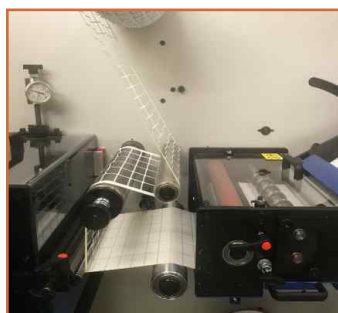
When utilising the rotary die station(s) it is a cost effective solution to blank / plain label converting or with the die removed as a very productive slitter rewriter with a production speed of 175m/minute (575ft/minute).

The machine utilises a colour touch screen HMI interface which features job storage for quick and easy setups. The machine remembers all the tension settings, count settings and turret parameters enabling operators to change jobs within minutes.

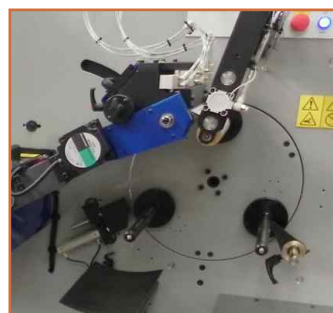


Daco PLD350 with die cut to register

Many clients are finding that the PLD250/350/430 machine is the ideal solution for the production of price gun labels, retail promotional labels and weigh scale labels.



Matrix Stripping



3 spindle semi-automatic turret rewriter

PLD

250/350/430
Rotary
Die Cutter

PLD

Standard Specification

- Web width 250mm (10") / 350mm (13.75") / 430mm (17")
- Unwind
 - Maximum unwind diameter: 700mm (27.5")
 - 76mm (3") air mandrel
 - Merobel electromagnetic particle brake
 - Automatic taper tension control
 - End of roll function - The user is able to program the roll end diameter – slowdown and/or stop
 - The system does not use any roll followers or external sensors that can be damaged at roll changes. The diameter is programmed from the touch screen operator interface
- BST Electronic Web guide
 - Ultrasonic sensor – enables guiding of opaque and clear materials
 - Integral diagonal splice table with pneumatic web clamps
 - Adjustable web guide sensor. +/- 25mm (1") correction.
- Die Station
 - 250mm (10") machine
 - 153 - 406 (6"-16") die repeats.
 - 16mm (0.62") thick precision ground die plates.
 - 350mm (13.75") machine
 - Cutter repeat lengths: 203-457mm (8-18").
 - 20mm (0.78") thick precision ground die plates.
 - Fixed through hardened anvil - 105T - 13.125" repeat.
 - Gearing - 1/8 cp, 20 degree pressure angle.
 - A driven matrix stripping roller

with adjustable tension control ensures reliable matrix stripping, enabling high speed running. Matrix / Waste Rewind - 700mm (27.5") diameter and a 76mm (3") mechanical mandrel.

- Draw Head
 - Silicone nip roller against a driven draw roller.
 - The silicone nip roller does not allow labels to attach themselves to it reducing down time.
 - Fully adjustable to allow for different label stocks.
 - The draw roller is driven by a 1.5Kw (2 hp) motor.
- Slitting
 - 3 quick set rotary scissor slitting knives (shear knife).
 - Minimum slit width: 13mm (0.51")
 - Lateral knife adjustment: +/- 8mm (0.31")
 - Removable interlocked cutter guard for easy access to the slitting knives and anvils.
- Turret Rewind - 3 Position
 - Max rewind diameter: 340mm (13.38")
 - 3 x 76mm (3") diameter quick change air shafts (or 3 of customer choice)
 - Servo driven rewind
 - Automatic taper tension control for the rewind shafts
 - Inter label cutting
 - Adjustable core positioning device - ensures accurate loading of cores onto the mandrel.
 - Automatic roll ejection system - enables easy removal of the finished rolls by the operator.



Mandrel end support on 350mm (13.75") and 430mm (17") machines.

- Count Facility:-
 - Labels
 - Length - metres/inches/feet
 - Batch count
 - TLC - Total length count until reset by operator.
 - Auto calculation of slowdown and stop irrelevant of web speed.
- Colour touch screen HMI operator interface shows machine status and system error messages (interlocks not met etc)
- Job storage enabling quick setups
- Speed - 175 metres / minute - 575 feet / minute - dependent on material

Air requirements

80 psi, 1cfm

Electrics

220-240 volts, single phase, 50/60 Hz, 16 amp

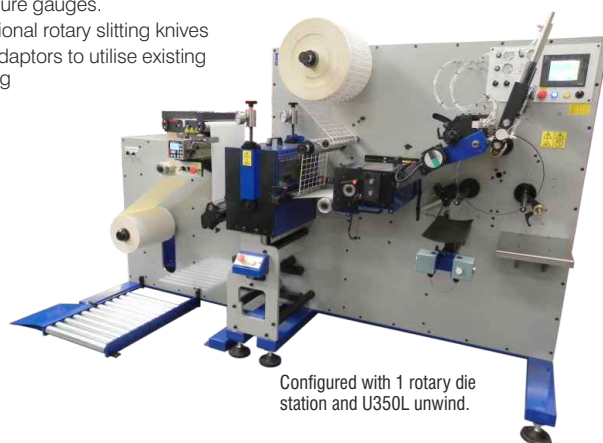
Conformity

Conforms to CE regulations and all circuits use dual channel safety switches, which are continuously monitored using a certified safety relay.

PLD Optional equipment

- Modular U350L 1m (40") unwind with roll lift
- Additional rotary die stations - for perforating (does not include matrix rewind)
- Removable anvil with support roller - enables back cutting / perforating
- Adjustable clearance anvil system
- Air mandrels - 25 to 76mm (1 to 3") - 250mm web width machine
- Air mandrel 19mm (0.75") upgrade for 250mm (10") machine.
- Air mandrels - 19 to 76mm (¾ to 3") - 350mm web width machine
- Daco DBS or DBS-ES back scorer, enables edge trim to be wound with the waste matrix
- Servo driven die station(s) with die cut to register

- RotoMetrics Hydra Jack die pressure gauges.
- Additional rotary slitting knives
- Die adaptors to utilise existing tooling



Configured with 1 rotary die station and U350L unwind.

Your Agent is:

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