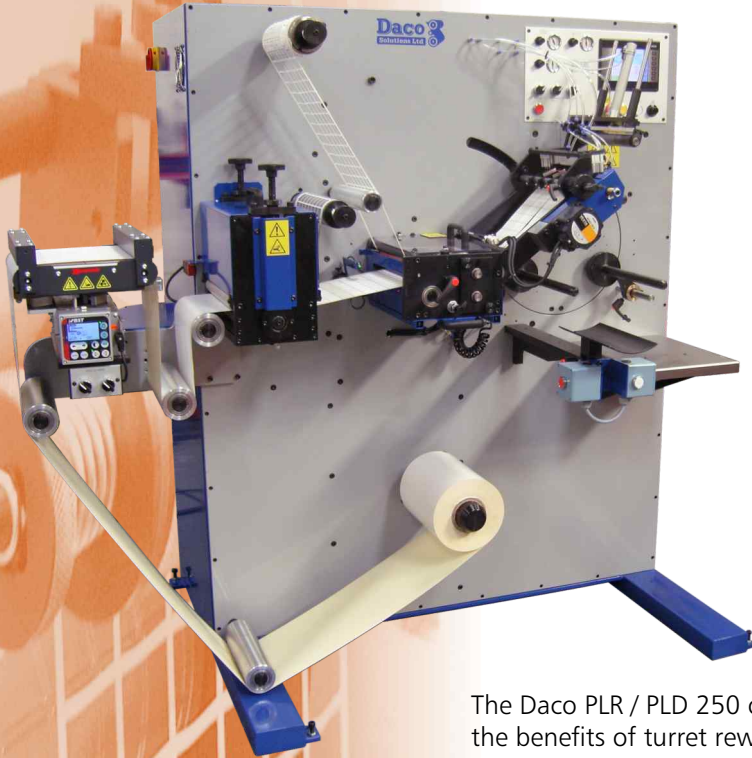


DACO

PLD250 ROTARY DIE CUTTER WITH A SEMI-AUTOMATIC TURRET



The Daco PLR / PLD 250 offers all the benefits of 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 PLR250 is a very efficient slitter revider with semi-automatic turret revider for small roll production. Unlike traditional slitter rewinders, 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.

With the addition of a rotary die station(s) it is a cost effective solution to blank / plain label converting with a production speed of 150m/minute (492ft/minute).

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

DACO PLD250

www.daco-solutions.com



Matrix Stripping



3 spindle semi-automatic turret revider

DACO



DACO PLD250

www.daco-solutions.com

Your Agent is:

Specification

- Web width 250mm (10")

Standard Features of the Daco PLD Rotary Die Cutter

- 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
- 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
 - 153 - 406 (6"-16") die repeats.
 - Fixed RotoMetrics through hardened anvil - 84T - 10.5" repeat.
 - 16mm (0.62") thick precision ground die plates.
 - 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 even if the matrix rewind becomes unstable.
 - Matrix / Waste Rewind - 400mm (15.75") diameter.
 - 76mm (3") mechanical mandrel for waste rewind.
- 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: 360mm (14")
 - 3 x 76mm (3") diameter quick change air shafts (or 3 of customer choice)
 - Merobel electromagnetic particle clutches
 - Automatic taper tension control for the rewind shafts spindles
 - 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
- Count Facility
 - Labels
 - Linear - metres
 - Programmable auto slow down and stop when the count is reached.
- Speed - 150 metres / minute - 492 feet / minute - dependent on material
- Conforms to CE regulations and all circuits use dual channel safety switches, which are continuously monitored using a certified safety relay.

Optional Equipment

- Modular 1m (40") unwind
- Additional rotary die stations - for perforating (does not include matrix rewind)
- Lateral knife separation (rotary slitting)
- Removable anvil - enables back cutting / perforating
- Closed loop tension control for the unwind
- Matrix stripping bar
- Air mandrels - 25 to 76mm (1 to 3")
- Air mandrel 19mm (0.75") upgrade
- RotoMetrics RD scorer - enables edge trim to be wound with the waste matrix
- RotoMetrics Hydra Jack die pressure gauges.
- RotoMetrics magnetic die cylinders
- Additional rotary slitting knives
- Die adaptors to utilise existing tooling - Edale, KDO (K2) & Mark Andy (others available upon request)



Configured with 3 rotary die stations for the manufacture of price gun labels

Manufactured by

Daco Solutions Ltd

Unit 2, Oldbeck Road, Beverley, East Yorkshire, HU17 0JW, England

TEL: +44 (0) 1482 860288 FAX: +44 (0) 1482 880942

E-mail: sales@daco-solutions.com

www.daco-solutions.com