

# DACO DTD 250 TABLETOP ROTARY DIECUTTER



The Daco DTD 250 table top rotary die cutter is a cost effective, robust and easy to use machine for blank / plain label converting for the short to medium production runs. The label rotary die cutter is available with either one or two rotary die cutting stations, rotary slitting and independent tension control for the unwind / rewind and has a production speed of 150m/minute (492ft/min). Many DTD250 rotary die cutters have been installed at clients who use them to produce plain labels for the growing thermal label transfer market.

The Daco DTD250 compact size and short web path keeps wastage to a minimum, the fully adjustable silicone covered nip drive roller helps to keep down time to a minimum as labels cannot attach themselves to the roller. The DTD250 has accurate tension control through the use of a

pneumatic unwind brake which is infinitely variable and the rewind is controlled through a pneumatically operated variable rewind clutch.

Quick set rotary slitting with on the run lateral adjustment is fitted as standard, the slitting knives can be set with the web in position unlike some cartridge systems. A splice table makes web splices both simple and quick. Quick change air mandrels for the product rewind ensures that cores are gripped firmly.



RotoMetrics Hydra Jack die pressure gauges



Matrix stripping



DBS250 Back scorer

**DACO**  
**DTD 250**  
[www.daco-solutions.com](http://www.daco-solutions.com)

# DACO



## Standard Specification

- Web Width: 250mm (10")
- Maximum unwind diameter: 450mm (18") - 1000m label stock
  - Pneumatic unwind brake with independent regulator & gauge
  - 76mm (3") air mandrel
- Splicing table with web clamps
- 1 Rotary die station with matrix rewind
  - Cutter repeat lengths: 153-406mm (6" - 16") repeat
  - Fixed RotoMetrics through hardened anvil - 84T - 10.5" repeat
  - Gearing 1/8cp 20 degree pressure angle
  - Precision ground 16mm (0.62") thick die plates
  - A driven matrix stripping roller with adjustable tension control ensures reliable matrix stripping, enabling high speed running even if the matrix rewind becomes unstable
  - 76mm (3") mechanical mandrel for matrix rewind
  - Maximum matrix rewind diameter: 400mm (15.75")
- 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
- Maximum rewind diameter: 360mm (14")
  - Pneumatic rewind clutch with independent regulator & gauge
  - 76mm (3") air mandrel
  - Labels in / labels out rewinding
- Rotary scissor slitting unit
  - Removable interlocked cutter guard
  - Minimum slit width: 13mm (0.51")
  - Lateral knife adjustment: +/- 8mm (0.31")

- Maximum web speed: 150 Metres/min (492 feet/min) dependent on stock
- Count units: Labels / Metres with programmable slow down & stop
- Auto reset counter

## Optional Equipment

- Lateral knife separation (rotary slitting)
- Additional rotary die station (does not include stripping and matrix rewind) for perforating
- Matrix stripping bar (for use with difficult to strip matrix)
- Electronic web guide with ultrasonic sensor
- Dual product rewrites includes 2 mandrels of customer choice
- Air mandrels 25mm - 76mm (1" - 3")
- Die adaptors for (KDO (K2), Mark Andy, Edale & Focus etc.)
- Razor slitting: minimum slit width 10mm (0.39") and lateral adjustment
- Removable anvil with support roller - enables back cutting and sprocket punching
- RotoMetrics Hydra Jack die pressure gauges
- DBS250 Back scorer - 2 knife holders (for edge trimming and winding with waste)

## Electrical requirements

- 220-240 volts, 50/60Hz, 13 amps, single phase or to suit local requirements

## Air requirements

- 80 psi, 1cfm

## Approximate Dimensions

- Width 1300mm (51") single die
- 1600mm (63") twin die
- Depth 900mm (35.4")
- Height 840mm (33")

## Weight

- 350kg (771lbs) single die
- 400kg (881lbs) twin die

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Twin die stations



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