

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 a servo driven rewind.

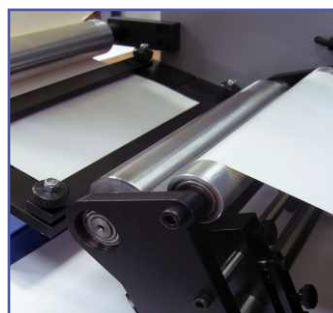


Matrix stripping

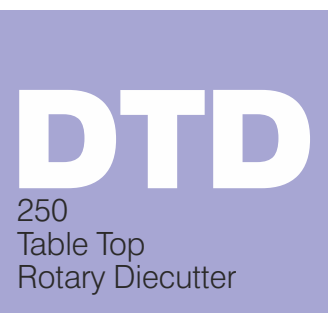
Quick set rotary slitting with on the run lateral adjustment is fitted as standard, the slitting knives can be set with the web in position unlike some cartridge systems. A splice table makes web splices both simple and quick. Quick change air mandrels for the product rewind ensures that cores are gripped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



RotoMetrics Hydra Jack die pressure gauges



DBS250 Back scorer



### 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")
  - Servo driven rewind
  - 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")
  - Dual knife box configuration to allow for razor slitting to be also fitted
- Maximum web speed: 150 Metres/min (492 feet/min) dependent on stock
- Count units: Labels / Metres with programmable slow down & stop
- Auto reset counter

### Air requirements

80 psi, 1cfm

### Electrics

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

### Conformity

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

## DTD Optional equipment

- Touch screen control - includes electronic brake, auto tension control for unwind and rewind, auto calculation of slowdown and stop for count options, job storage
- 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)
- BST Electronic web guide with ultrasonic sensor
- Dual product rewinds includes 2 mandrels of customer choice
- Air mandrels 19mm-76mm (¾"-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)



Twin die stations

Manufactured by