



The Daco DTD 250R is the perfect re-register die cut unit for utilisation with smaller digital label printing presses. The DTD 250R re-register die cut machine allows digitally printed

webs to be finished quickly and economically. The machine offers the flexibility and high performance often found in much larger and more expensive systems. Its design includes a quick make ready rotary shear knife slitting box and touch screen control that makes any job setup quick and easy.



The Daco DTD 250R table top die cut to register rotary die cutter is the cost effective solution to the finishing of digitally printed webs. The re-register rotary die cutter is available with either one or two rotary die stations and laminating station.

The Daco DTD 250R can use rotary die cylinders from many common 250mm (10") label presses and converting equipment so that further investment in tooling can be avoided.



Matrix stripping (with optional matrix stripping bar)



Touch screen control

# DTD

250R Table Top  
Rotary Die Cut  
to Register

# DTD

## 250R Standard Specification

- Web width: 250mm (10")
- Maximum unwind diameter: 450mm (18")
  - Merobel electromagnetic particle brake
  - Automatic taper tension control
  - 76mm (3") air mandrel
  - Programmable end of roll function
- BST Electronic web guide with an ultrasonic sensor
- Splicing table with mechanical web clamps
- 1 Rotary die station with matrix rewind
  - Die cut to register servo drive systems with a +/- 0.25mm (0.010") accuracy at a constant speed
  - Cutter repeat lengths: 153-406mm (6"-16")
  - RotoMetrics through hardened anvil
  - Gearing 1/8cp 20 degree pressure angle
  - Lateral die adjustment
  - Precision ground 16mm (0.62") thick die plates
- 76mm (3") mechanical mandrel: For matrix rewind
- Maximum matrix rewind diameter: 400mm (15.75")
- Maximum product rewind diameter: 360mm (14")
  - Servo driven
  - Taper tension control
  - 76mm (3") air mandrel
- Labels in / labels out rewinding
- Maximum web Speed: 150 metres / minute (492 feet/minute) dependent on material
- Count Facility:-
  - Labels
  - Length - meters / feet / inches
- Rotary scissor slitting unit
  - 3 slitting knives
  - Minimum slit width 13mm (0.51")
  - Lateral knife adjustment +/- 8mm (0.31")
  - Removable interlocked cutter guard
- Razor slitting: minimum slit width 10mm (0.39") and lateral adjustment
- Fully adjustable silicone nip roller
- Colour touch screen HMI operator interface
  - Shows machine status & error messages
  - Counting options
  - Tension settings
  - Allows for easy & quick job set ups

### Air requirements

80 psi, 1cfm

### Electrics

220-240 volts, single phase, 50/60 Hz, 16 amp or to suit local requirements

### Approximate Dimensions

Width 2096mm  
Depth 900mm  
Height 840mm

### Weight

400kg

### Conformity

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



Electronic guide



Twin rewinds (air shafts)



DBS250 Back scorer

## DTD Optional equipment

- Lateral knife separation
- Addition rotary die station (no waste rewind or stripping) - servo driven
- Laminating station - self wound laminate
- Matrix stripping bar (for use with difficult to strip matrix)
- Pneumatic web clamps for splice table
- RotoMetrics Hydra Jacks - die pressure gauges
- Upgrade BST electronic web guide with a integral splice table & web pneumatic web clamps
- DBS250 Back scorer - 2 knife holders (for edge trimming & winding with waste)
- Dual product rewinds
- Full range of 25mm - 76mm (1" - 3") air mandrels
- 700mm (27.5") diameter unwind and floor standing cabinet (Daco D250R)



D250R

Your Agent is:

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