

# DACO

## DTD 250R BENCH TOP ROTARY DIE CUT TO REGISTER



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 shear knife slitting box and touch screen control that makes any job quick and easy.

The Daco DTD 250R bench 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.



BST Electronic guide

# DACO DTD 250R



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Twin rewinds (air shafts)



Rotometrics RD Scorer

### Standard Specification

- Web width: 250mm (10")
- Maximum unwind diameter: 450mm (18")
  - Merobel electromagnetic particle brake
  - Taper tension control
  - 76mm (3") air mandrel
- BST electronic web guide with an ultrasonic sensor
- Splicing table
- 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")
  - 76mm (3") mechanical mandrel: For matrix rewind
  - Maximum matrix rewind diameter: 400mm (15.75")
  - Gearing 1/8cp 20 degree pressure angle
  - Lateral die adjustment
- Maximum product rewind diameter: 360mm (14")
  - Pneumatic rewind clutch with independent regulator and gauge
  - 76mm (3") air mandrel
- Maximum web Speed: 100 metres / minute (328 feet/minute) dependent on material
- Count Facility:-
  - Labels
  - Length - meters / feet
- Rotary scissor slitting unit
  - 3 slitting knives
  - Minimum slit width 13mm (0.51")
  - Lateral knife adjustment +/- 8mm (0.31")
  - Removable interlocked cutter guard
- Fully adjustable silicone nip roller
- Touch screen HMI operator interface
  - Shows machine status & error messages
  - Counting options
  - Tension settings
  - Allows for easy & quick job set ups

### Electrical requirements

- 220-240 Volts, 16 amps or to suit local requirements

### Air requirements

- 80 psi, 1cfm

### Optional Equipment

- Labels in / labels out rewinding
- Lateral knife separation
- Addition rotary die station (no waste rewind or stripping) - servo driven
- Laminating station - self wound laminate
- Laminating station - laminate with a carrier rewind
- Matrix stripping bar (for use with difficult to strip matrix)
- Upgrade BST electronic web guide with a integral splice table & web pneumatic web clamps
- Merobel electronic clutch for the rewind with taper tension control
- Rotometrics RD scorer - 2 knife holders (for edge trimming & winding with waste)
- Razor slitting - with lateral knife adjustment
- Twin product rewinds
- Full range of 25mm - 76mm (1" - 3") air mandrels
- 700mm (27.5") diameter unwind and floor standing cabinet (Daco D250R)

# DACO DTD 250R



D250R

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