

Daco TD350 plain label converting line is the ideal machine for converting labels automatically with little operator input. The machine is equipped with a high capacity 1m (40") unwind to keep master roll changes to a minimum. The 4 spindle turret offers quick change over times, which coupled with a touch screen HMI operator interface makes the machine both interactive and user friendly. The machine can be configured with either 1 or 2 servo driven rotary die stations.

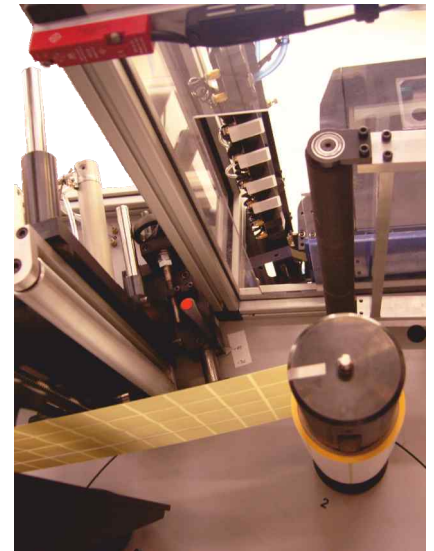


The Daco TD's, SVT turret module utilises a unique double sided tape system (patent pending) for attaching the web to the cores, and the finished rolls are closed using a label printed by an on-board thermal transfer printer. This totally eliminates the need for expensive and complicated hotmelt gluing systems which often cause problems for both machine operators and end users. Electronic job storage coupled with an intuitive touch screen control and minimal mechanical settings makes the machine very simple to setup and operate.

The operator can select from either length or a given number of labels per roll and the machine will then automatically cut and transfer the web to the cores without stopping.

The Daco TD350 plain label converting line has a host of optional equipment which enables you to specify a very adaptable plain label converting line both now and in the future because of its modular construction.

The machine is suited to the growing thermal transfer market where quick make ready, high production speeds and little operator input is key to producing good profit margins.



Label roll closure system



Touch screen control and rotary slitting



Daco DM350 rotary die cutting module

TD

350 Plain Label
Turret Rewinder /
Diecutter

TD

Standard Specification

- Web width: 350 mm (13.75")
- Maximum unwind diameter: 1000mm (40")
 - 76mm (3") diameter air shaft
 - Electromagnetic particle brake
 - Taper tension control
 - Automatic roll lift
 - Programmable 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
- BST electronic web guide
 - Ultrasonic sensor - enables guiding of opaque and clear materials
 - Adjustable web guide sensor +/- 25mm (1") correction
 - Integral splice table with pneumatic web clamps
- Rotary die station – Servo driven - with stripping & matrix rewind
- Cutter repeat lengths: 203-457mm (8"-18")
 - Fixed through hardened anvil - 105T – 13.125" repeat.
 - Gearing 1/8cp 20 degree pressure angle
 - 76mm (3") mechanical mandrel: For matrix rewind
 - Maximum matrix rewind diameter: 609mm (24")
- 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 unit
 - 3 slitting knives
- Servo driven 4 spindle turret rewind
 - Minimum slit width: 10mm (0.39")
 - Lateral knife adjustment: +/- 8mm (0.31")
 - Max rewind diameter: 340mm (13.38")
 - 50mm (2") minimum roll diameter
 - Closed loop tension control
 - 4 x 76mm (3") air mandrels (or 4 of customer choice)
 - Adjustable core positioning stop – ensures accurate loading of cores onto the mandrel.
 - Automatic roll eject system complete with roll eject chute – enables easy removal of the finished rolls by the operator.
- Print and apply label applicator to close the finished roll with a label.
 - A Toshiba Tec thermal transfer printer can print data to the roll closure labels. The printed labels are collected onto a vacuum head and applied to the finished rolls. The label closure data is programmable from the machines touch screen.
- Count units: Labels / Metres / Feet
- Maximum web speed 175m/minute (575 feet/minute)
- Colour touch screen HMI operator interface
 - Highlights machine status & error messages
 - Counting options
 - Tension settings
 - Job storage allows for easy & quick job set ups – 100 jobs
- 6 web dividers
 - Durable powder coated cabinet and main plate
- Modem connection for machine diagnostics & software upgrades

Air requirements

80 psi, 1cfm

Electrics

415 volts, 16 amps, 3 phase neutral and earth

Conformity

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



TD Optional equipment

- Air mandrel 25mm (1") to 76mm (3") x 4 air mandrels (including ejector plate)
- Sensor & software upgrade for die cut to register applications
- DBS-350 back scorer - 2 knife holders (for edge trimming & winding with waste)
- Removable anvil with support roller
- Kocher & Beck Gap Master - adjustable anvil system
- Additional rotary die station (no waste rewind or stripping)
- Matrix stripping & rewind for second die station
- Matrix stripping roller (for use with difficult to strip matrix)
- 1 or 2 servo flexographic print stations
- Inkjet printing module
- Magnetic die cylinders
- RotoMetrics Hydra Jacks – die pressure gauges, quick release - modified guarding & die blocks
- Foot pedal to jog the machine (assists in webbing up the machine)
- Additional slitting knives: - per set (knife and anvil)

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