

ROTOCONTROL

your finishing partner

RSD Series Die Cutting, Slitting/Rewinding Finishing Machines



The **ROTOCONTROL RSD** product line is based on an S-Drive servo driven die cutting station with 800mm unwind, cartridge shear/razor slitting and rewind system. Extremely robust construction and full modularity allows expansion of the basic configuration to meet customer specific requirements. Turret rewinders, multiple die stations and a complete line of finishing options are available including flexo and lamination stations. Touch panel Graphical User Interface conveniently mounted on a swing-arm provides operators with complete control at all stations.

Standard Features Include:

Drive System/Control

- ◆ Servo motor control on die and draw station
- ◆ Servo motor control on rewind
- ◆ Servo motor control on unwind
- ◆ 250 meters per minute (material dependant)
- ◆ Fully automatic tension control including acceleration and deceleration
- ◆ S-Drive graphical user interface via touch screen
- ◆ Swing arm mounted touch screen for access at all areas of the machine
- ◆ 340, 440, 540mm web widths
- ◆ Ultrasonic single edge web guiding system

- ◆ 550mm rewind capacity
- ◆ Single splice table on unwind
- ◆ 800mm capacity onboard unwind
- ◆ Individual label counting inc. butt cut

Die Station

- ◆ Servo tension control on matrix pull-up, independant of waste rewind tension
- ◆ All steel rugged construction
- ◆ Matrix/ waste wind up with adjustable pull-up angle
- ◆ Servo driven

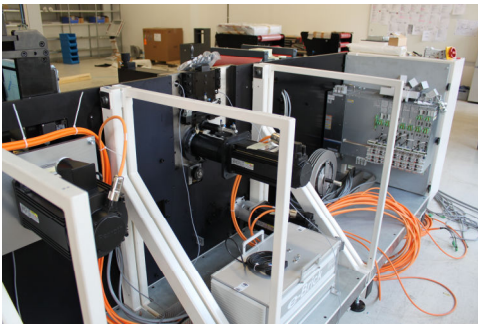
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Standard Features Include:

Extremely Rugged Modular Construction



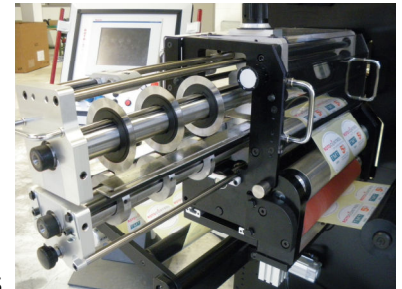
Operator friendly touch panel standard



DRM Semi-automatic Turret Option

Advanced Cartridge Slitting System

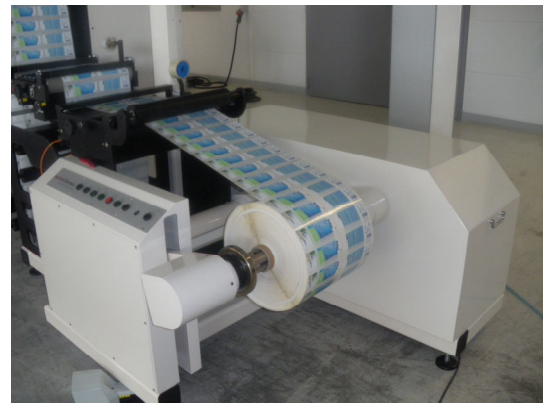
- ◆ Integrated out-feed nip roller provides optimal cutting tension independent of rewind tension setting
- ◆ Vernier fine lateral position adjust
- ◆ One button slide out top cartridge
- ◆ One button slide out base cartridge with integrated ruler for fast set-up
- ◆ Easy front or rear access to top blades for quick alignment to base shears
- ◆ Vernier blade height adjust
- ◆ Motorized lateral adjust



- ◆ Optional razor, and shear cartridges
- ◆ Crush knife system

General Options:

- ◆ Registration/ Insetting control system— 1 or more stations
- ◆ Automatic webclamps
- ◆ Missing label detect
- ◆ Splice flag detect
- ◆ Complete film package
- ◆ Dual rewind
- ◆ Large capacity separate unwind— up to 1.200m
- ◆ Adjustable anvil systems
- ◆ Multiple webguides
- ◆ Anti-static bars
- ◆ Multiple shaft sizes
- ◆ Ink jet marking systems
- ◆ 100% vision inspection systems
- ◆ Booklet insertion modules
- ◆ DRM Semi-automatic turret rewind module
- ◆ RTR fully automatic turret with glueless core attach



High Capacity Unwind with Roll-Lift Option

Finishing Options:



Flexo Station Option

- ◆ Semi-rotary die stations- servo controlled accumulation for superior tension control
- ◆ Lamination and de-lamination stations
- ◆ Register controlled flexo station with UV or hot air drying
- ◆ Rotary hot foil/ embossing module
- ◆ Cold foil with foil saver