

## ROTOCONTROL RCF-660 Series

The robust ROTOCONTROL RCF series is a 100% servo-controlled finishing machine developed to create a freely configurable platform, which allows integration of various standard and customized modules.

### Machine base:

- Web width: 660mm
- S-Drive servo motor control at draw station and rewinder
- S-Drive operator friendly 15" touch screen
- Control panel and monitor mounted on one stand
- Job memory for up to 500 jobs
- Automatic tension control at winding and unwinding
- Controlled acceleration and deceleration
- Max. machine speed: 250m per minute
- Punching (can vary depending on material and application)
- Electronic web edge control with ultrasonic sensor foot switch: tensioning of the expansion shaft, set-up mode



### Unwinding:

- Unwinding capacity: 1200mm with hydraulic roller lifter
- 76mm pneumatic unwind shaft
- Adjustable hardened splice table
- Automatic stop at end of roll - adjustable to core size

### Rewinding:

- Rewind capacity for single rewind: 550mm
- Convertible inner/outer winding
- 76mm pneumatic take-up shaft, interchangeable to larger diameter
- Cutting unit with cartridge system suitable for shear blade or razor cartridges (not included)

### Counting/detection:

- Ultrasonic piece counter
- Total quantity counter
- Operating hours counter
- Meter counter
- 1 die unit 660 DA016 incl.:
  - Wink SmartGap with pressure cells
  - Magnetic cylinder 200Z
- 1 grid rewinder DA025
- Mesh rewind servo driven with servo driven grid take-off roller, mounted as tower on the machine
- Max.  $\varnothing$  500mm
- 1 fully rotative register control for one punching station 660mm DA106 (accuracy +/- 0,15mm), incl. servo pull station



- Scanning of the web via color sensor for subsequent die-cutting or imprinting of already printed materials

**Additional equipment:**

- With constant material speed (manual potentiometer setting), the die-cutting or printing unit adapts to the material by rotating faster or slower, i. e. H. 100% synchronous running during automatic register, register correction is not given.
- Guaranteed maximum speed of register control: 100m/min
- 3 Antistatic units incl. 1 ionizing bar and mounting
- 1 shear blade cartridge system with 3 blades  $\varnothing$  105mm min. distance 15mm
- 12 additional set of shearing blades
- 1 razor blade cartridge system with 3 holders min. distance 11mm
- 12 additional blade holders for razor blade unit incl. blade
- 1 bottom slit incl. 3 blades
- 1 second rewind station incl. second rewind shaft 76mm (3")
- Max. capacity per rewind shaft 600mm (2") with separately adjustable winding tension, bearings on both sides, shut-off side at the winding shaft via hinged bearings
- 2 Webadvance 660 with Lay-Down-Roller, incl. pneumatic web clamp
- 1 friction shaft control system for dual rewind incl. electro-pneumatic control valve, ultrasonic gauge for diameter detection, software module



For more information, a virtual demonstration, or quotation, contact us at [info@rotocontrol.com](mailto:info@rotocontrol.com).