

HIGH SPEED TANDEM RING MARKER – NARROW AND COMPACT

- Ring marking at speeds up to 1800 m/min
- Synchronized with the line speed
- Two marking heads for quick change of ring colour or ring spacing on the fly

RC 707 T

FEATURES

Rugged, virtually maintenance-free servo drive.

Marking drums run absolutely vibration-free, with no control variations.

Ink paths contain no rotating gaskets.

Ring marking by rotating drum with high-precision ink nozzles.

Exceptionally crisp marking

Since the marking heads are arranged transversally to the extrusion line, the tandem machine requires only approximately 250 mm along the extrusion line. This makes the RC 707 T high performance system the optimum choice for foam skin plants.

Easy to set up and operate.

Rugged, reliable single-drum marking assembly.

No rotating gaskets in the marking assembly.

Interchangeable marking drums for easy changing of ring spacing and width.

Marking drums for standard and custom ring patterns available.

The congruence of ring halves sprayed on from both sides can be adjusted by varying the transverse position of the marking head relative to the wire.

The automatic, motorized transversal positioning system allows up to 99 different positions to be stored and the marking head to be moved automatically to each stored position.

Automatically synchronized flashing stroboscope for quality monitoring and setting up marking parameters.

Automatic synchronization to the line over a 1:6 speed range (requires a 0 V to 10 V signal proportional to the line speed; for lines providing no such control signal a dedicated frequency generator with tachometer wheel and incremental encoder is available as an option).

With diaphragm pump (for water based inks).

Built-in ink cooler.

Ink filter system prevents clogging of ink nozzles.

Ink supply system designed to accommodate 5-liter ink tanks.

APPLICATIONS

Ring marking system for marking hot telephone and hookup wire insulation with colored rings at production speeds up to 1800 m/min. The RC 707 T has been specifically designed for use in high speed extrusion plants that provide little room between the extruder and cooling bath (foam skin plants).

Tandem system with two marking heads, allowing change of ring distance and/or ring color on the fly.

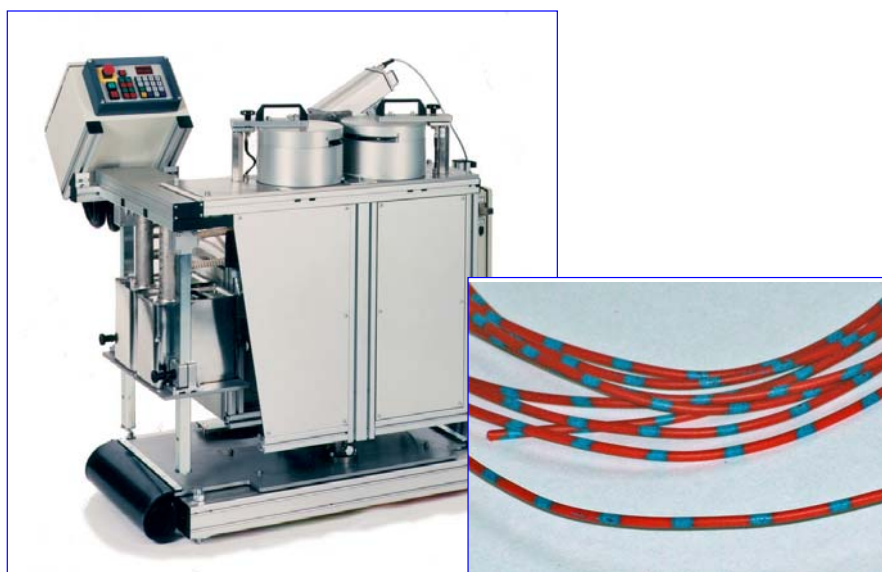
SPECIFICATIONS

Max. marking speed: 1800 m/minute

Max. wire outside diameter:

3 mm

Extremely narrow (approximately 250 mm along the extrusion line).



Accessories

Marking Drums

easily replaceable marking drums for use as spares for supplied marking drums or for changing the ring spacing or pattern.

Standard ring patterns include single or double rings every 17 mm; double rings every 34 mm; one, two, three, or four rings every 60 mm, etc.

Marking drums for custom ring patterns available.



Recommended Inks

RS Series ring markers should only be used with solvents and inks released by the manufacturer for the insulation material to be marked. Ink viscosity should be approx. 12 to 13 seconds (measured with a DIN test cup with 4-mm outlet, equivalent to approx. 23 seconds measured with a 3-mm test cup).

In order to prevent pigment sedimentation in the ink tubes and marking drums, be sure to use extremely fine-pigmented inks only.

