

Maschinen GmbH

# Fully automatic ribbon rolling machine TRA 1 SG for large rolls up to a diameter of 635 mm (25")

I N T E L L I G E N T  
R I B B O N P R O C E S S I N G

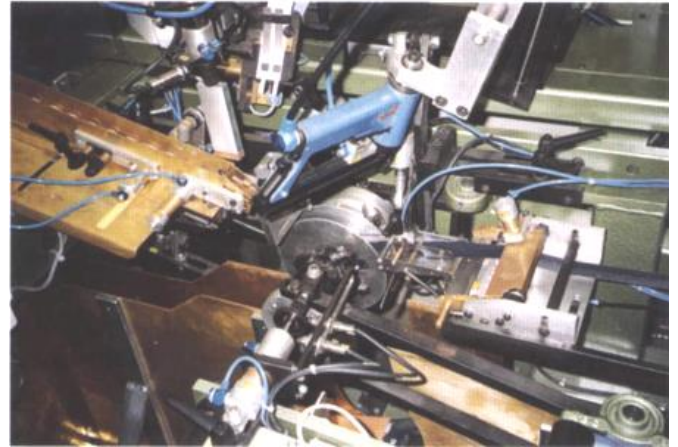


## Fully Automatic Ribbon Rolling Machine TRA 1 SG

Fully automatic ribbon rolling machine TRA 1 SG for large rolls up to a diameter of 635 mm (25").

### Machine equipped with:

- Clamping device for cores without side flanges.
- The ribbon is clamped to the core with clamping fingers over the complete winding cycle.
- Small adjustable ribbon traversing device for ribbons with a weaving edge.
- Winding mandrel on a moveable arm for a constant ribbon position, cutting position and labelling position over the complete roll diameter for shortest change over times per cycle.
- Cycle counter
- Running length counter as meter counter with adjustable accuracy
- Ribbon defect sensing device with machine stop.
- Adjustable band guides for different ribbon widths.



### Additional equipment:

- Automatic tube supply with vibration sorter.
- Speed regulation of winding mandrel with increasing spool diameter for a constant ribbon speed and ribbon tension over the complete winding cycle.
- Ribbon end optionally fixed with a label or staple.
- Material supply creel for tensionless material supply optionally from a supply spool, a supply roll or supplied out of boxes (combination creels are possible).
- Ribbon end sensor with machine stop and clamping of the material in the creel for easy connection of the new ribbon supply.
- Creel with reserve connection.
- Creel with supply device for pancake wound rolls.

### Production data:

- Depending on the core diameter and maximum possible ribbon speed (change-over time approx. 8 – 10 seconds per cycle)
  - with 25 Meter ribbon length: Approx. 3 rolls per minute

### Technical data:

(Subject to technical modification without notice)

Winding heads:	1
Ribbon widths:	15 – 100 mm (0,6" – 4")
Heavier materials:	15 – 60 mm (0.6" – 2.4")
Finished roll diameter:	Max. 635 mm (25")
Core inside diameter:	Min. 12 mm (1/2")
Winding head revolution:	Max. approx. 2000 1/min
Ribbon speed:	Max. 400 m/min
Winding length:	Adjustable with meter counter
Material supply:	Cylindrical spools, max. 500 mm $\varnothing$ , 500 mm long, or supplied out of boxes.
Power consumption:	Approx. 2,2 kW with creel, depending on the machine specification, 230 V, 1 Phase
Air consumption:	Max. 1,5 m <sup>3</sup> /h
Air pressure:	6,0 bar
Machine weight:	Approx. 800 kg
Space requirements:	Machine: ca. 1300 x 1200 mm (51" x 47.25") Creel: ca. 1500 x 1000 mm (59" x 39.4") (depending on the machine specification.)

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