



Rosink service machines for the carding flat workshop

SINGLE SOURCE TEXTILE FIELD SOLUTIONS





Extensive service for flat wire and flats

A wide range of different type of flats...



From the RFS up to the RFT – the complete service equipment of your flat workshop!

The consistent enhancement of the successful Wolters machines with the aid of the latest 3 D construction software and utilization of innovative drive and regulation units led to this unbeatable product line of the flat workshop.

A complete program – from removal of the flat wire, milling of the flat ends, mounting of the flat wire through grinding and polishing up to measuring and quality control of the flats.

Also convince yourself of our long lasting experience of over 200 years in development and manufacture associated with the latest construction and manufacturing technology!

Since 1947 Rosink has been successful in the development and construction of machines for spinning mills. As from year of 2002 we offer to you an even larger product line: We have taken over the complete product range of auxiliary machines of the ECC GmbH, the former Wolters-Platt GmbH.

Clean stripping...



Adjustable separating tool

Flat Stripping Machine RFS

Application

The flat stripping machine RFS serves for an easy and smooth removal of the flat wire from the flats.

Field of application

All 40" and 60" flats.

Advantages

- Robust construction
- Easy operation
- Time saving due to quick and easy setup during rapid work cycle
- Gentle and clean separation of flat wire and flat.

Height	Width	Depth	Weight	Power	Clamping force	Clock cycle
RFS 40"						
1065 mm	1720 mm	560 mm	250 kg	1,5 kW	2500 N	5 s
RFS 60"						
1065 mm	2170 mm	560 mm	350 kg	1,5 kW	2500 N	5 s

Our diversified manufacturing line comprises can coilers, drafting units, special machine constructions, tubes made of stainless steel as well as auxiliary machines.

This range of products is well introduced worldwide, allowing closer customer contact and extensive service performance.

Precise grinding...

RFG



Parallel grinding and polishing



Pneumatic flat clamping device



Large display for easy handling and operation

Flat Grinding Machine RFG

Application

The RFG serves for exact grinding of the flat wire of all cards.

Field of application

All 40" and 60" flats.

Advantages

- Robust construction
- Short setting-up times
- All axes PLC controlled
- High grinding precision
- Integrated dressing appliance
- Automatic grinding contact detection
- Simultaneous grinding of four flats
- Integrated polishing roller (optional use).

Height	Width	Depth	Weight	Power
RFG 40"				
1550 mm	2480 mm	995 mm	1050 kg	10,5 kW
RFG 60"				
1550 mm	2930 mm	995 mm	1250 kg	10,5 kW

Our companies, thanks to the daily use of state-of-the-art technologies and modern equipment, will be able to guarantee their permanent development and adaptation to the market.

200 YEARS
EXPERIENCE
IN DEVELOPMENT
AND MANUFACTURE

Trouble-free mounting...

RFM



Rosink

Displayed is the RFM 60



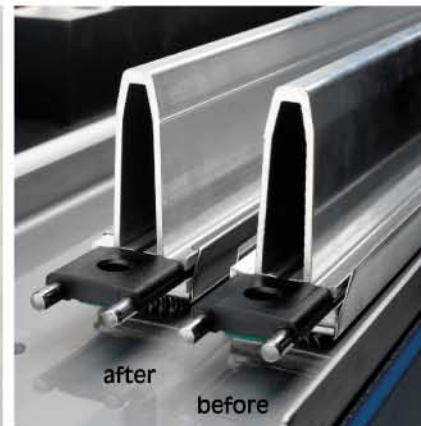
Pre-bending rollers in action



Deflection compensating system and light grid



Display and control elements



Execution example

Flat Mounting Machine RFM

Application

The flat mounting machine enables an easy, quick and exact mounting of the flats. This results in an essential reduction of the standstill period for the carding for the renewal of the flat wires.

Field of application

For all 40" and 60" flats.

Advantages

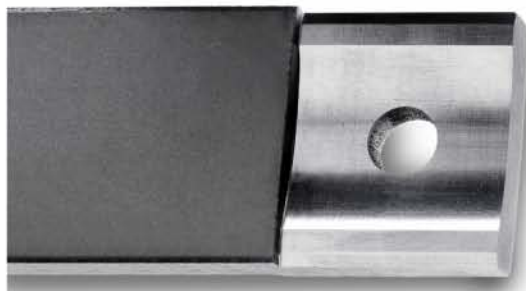
- Robust construction and easy operation
- Fully automatic
- Absolutely safe due to light grid
- Adjustable deflection compensating system
- Exact flat mounting guarantees secure connection of flat wire with flat.

	Height	Width	Depth	Weight	Power
RFM 40"	1720 mm	2060 mm	760 mm	550 kg	1,5 kW
RFM 60"	1720 mm	2575 mm	760 mm	700 kg	1,5 kW

Even before 2002 the machines belonging to the cot maintenance workshop have already been produced in our modern production facilities. Since we have also taken over the complete inventory of spare parts stock, we are able to guarantee a complete and reliable After-Sales-Service.

The auxiliary machines for cot maintenance, card flats and metallic wire treatment are manufactured under the name Rosink.

Precise milling...



Milled flat



Quick setup



Milling cutter in function

Flat End Milling Machine RFEM

Application

The flat end milling machine RFEM is used for exact milling of the contact surface on the ends of the flats. Exactly milled contact surfaces are the basic precondition for a permanent adjustment of the flats and thus for an optimal quality of carding. All flat outlines according to the original drawings are stored in the CNC program.

Advantages

- Robust construction
- Easy operation
- Short setting-up times
- High precision
- Menu handling
- No programming necessary
- Exact milling due to saved outline
- Safe positioning of the flats during the process due to shape exact clamping device.

Field of application

All 40" and 60" types of flats.

Height	Width	Depth	Weight	Power
1550 mm	1600 mm	1130 mm	600 kg	9,0 kW



Printout of the measuring results

Document the quality...

RFT 60



Handling display and printer

Flatness Tester RFT 60

Application

The RFT serves for exact measuring of the flatness and the measurements of all flats.

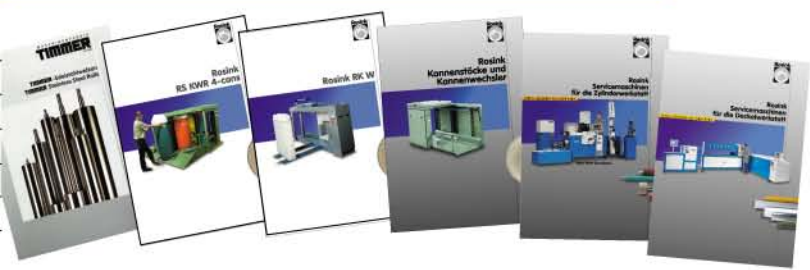
Advantages

- Robust construction
- Easy handling
- High precision due to calibrating ruler
- Precision of measurements till $\pm 0,005$ mm
- 40 measuring points
- For 40" and 60" flats.

Height	Width	Depth	Weight
380 mm	2075 mm	200 mm	130 kg

QUALITY MANAGEMENT Certificate
 Voluntary participation in regular monitoring according to ISO 9001:2000

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