WAFIOS

Wire Straightening and Cutting Machines for the Production of Straightened Rods Made of Round Wire

Performance Series

RE 30 - 50

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RE 30 - 50

▼ Straightening rotor + Stationary cutting unit

▼ Graphical operator guidance Touchscreen

▼ Directly attached construction with release head and tielting station (option)

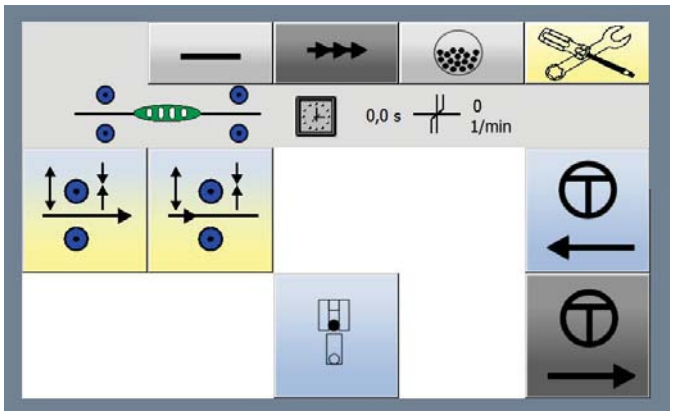
Our Accomplishments for your Benefit

- **Designed for the most commonly needed wire straightening and cutting-off applications**
- **Excellent price/performance ratio**
- **Defined package of options**
- **Modern user interface based on High-Performance machine**
- **Performance machines are built on the basis of many years of WAFIOS know-how**

Design Features

- Low-cost basic equipment
- Stationary cutting unit
- Frequency-controlled feed unit, straightening rotor with constant speed of rotation, cutting unit with servodrive
- Cut release via release head
- Fixed stop for short lengths (option)
- Tilting station, rod-end alignment (option)
- Comfort package (option) with adjustable speed of spinner, low waste production at start of the machine

▼ Graphical operator guidance Touchscreen



Quality, Reliability and Efficiency – WAFIOS Straightening and Cutting-Off Machines

New Definition of Productivity

WAFIOS 'Performance' machines feature an optimized scope of standard equipment and a defined number of options.

The machines assembled are based on the engineering know-how, WAFIOS AG acquired over the past decades. All of them are equipped with a high-end control system.

A high output and high machine availability are the result.

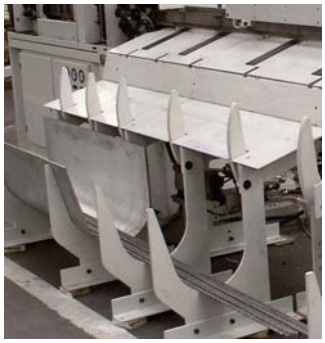
▲ Collecting trough

▲ Tilting station

Quality
For more than 125 years the name WAFIOS has stood for the highest in terms of quality expectations, safety standards and technical innovation in German manufacturing systems engineering.

Reliability
Strict quality controls, state-of-the-art production systems and many years of experience guarantee that your investment is in safe hands. Our global service network ensures high availability of WAFIOS machinery.

Efficiency
High production output and a long service life will save money and shorten the amortization time of your investment.

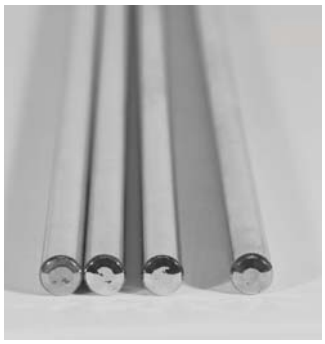


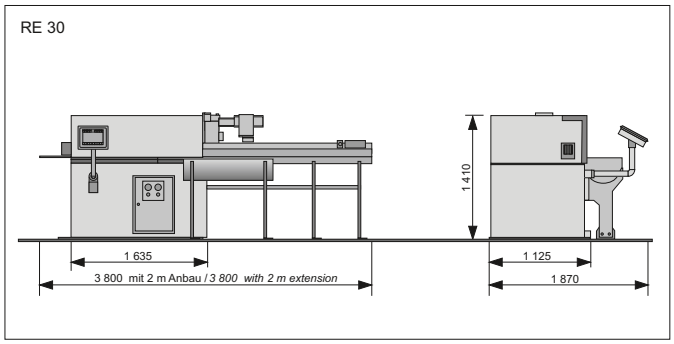
▲ Tilting and collecting station

▲ Stop of tilting station and rod-end alignment

Technical Data	RE 30	RE 40	RE 50
Wire Ø (mm) ** 400- 800 (N/mm²) 800-1200 (N/mm²)	 2.5 - 7.0* 2.5 - 6.5	 4.0 - 10.0* 4.0 - 9.0	 6.0 - 12.0** 4.0 - 10.0
Feed speed (m/min)	5 - 160	5 - 160	5 - 160
Shortest cutting lengths (mm) with flat wire guide - with release head - with fixed stop	 250 25 - 250	 250 25 - 250	 250 25 - 250
Max. cuts per minute - with fixed stop (opt.)	160 276	120 220	120 220
Space requirement (lxwxh) (mm)	1 635*** x 1 125 x 1 410	2750*** x 1 290 x 1 470	2750*** x 1 290 x 1 470

* Cold-rolled reinforcing steel, measured across the ribs
** Cold-rolled reinforcing steel, nominal wire diameter
*** incl. control cabinet





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Precision Machinery for Wire and Tube

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