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Ref. No.:  
633-08131105

## **Overview and Technical Data:**

# **WAFIOS - FTU 5.3-98/B CNC bending center with RVM 4 / B**

**WAFIOS**

**WAFIOS**

Year of Build:  
Nov 1993

## **Description:**

**Used WAFIOS FTU 5.3-98 / B - CNC bending center with freely programmable electronic control.**

For the production of 2- and 3-dimensional bent parts, all kinds of spirals, rings - also 2- and 3-dimensional - and diverse frame parts made of wire and profile materials.





## Technical specifications Wafios

### **Wire diameter:**

- min. 3.0mm
- max. 6,5 mm wire strength <1600 N / mm<sup>2</sup>
  - 7.5 mm wire strength <1200 N / mm<sup>2</sup>
  - 10.0 mm at wire strength <800 N / mm<sup>2</sup>
  - 13.0 mm at wire strength <600 N / mm<sup>2</sup>

**Wire feed length:** unlimited

**Feed rate:** max. about 40 m / min

**Winds diameter:** Max. 1000 mm (for closed rings)

**Workpiece size:** distance from the middle of the bending head to the machine body - front wall 1000 mm

Distance between 2 bends: at least 3 x wire diameter.

### **Functioning:**

CNC control for wire feed, turn wire bending head (2 axis) and average. Wire feed through 3 pairs of feed rollers with high thrust.

Feeder unit by NC controlled servo drive to the wire axis rotation. Cutting unit with integrated electric. Servo drive, pivotally mounted, adjustment by hand wheel. Entering data via the keyboard with the display dialog. Programming in the teach-in process possible.

### **Control: 5-axis CNC positioning**

### **Positioning accuracy:**

- Feed: 0.01mm
- Bending head stroke: 0.01 mm
- Bending head rotation angle: 1 / 10,000 rev
- Wire Rotation: 0, 1 degree

## Technical specifications

### Wire pull and fixture aggregate RVM 4 / B

Designed for parallel operation with a driven wire reel and a wire processing machine, in particular the type FTU 5.3-98 / B.

The achievable straightening quality corresponds to the recoverable rotating straightener to R 41 / B values ??in terms of straightness and surface finish. Markings or structural changes in the wire during the wire standstill in the FTU 5.3-98 / B can be largely avoided.

The produced during conventional rotating straightening twist is eliminated as far as that the bending process is not compromised.

It is operated via the control panel of the FTU 5.3-98 / B.

### **Workspace:**

- Round wire from 3.0 to 13.0 mm diameter strength according to the working range of 5.3-98 FTU / B
- Power: about 0 - 40 m / min wire feed speed
- Power consumption: approx. 11.0 kW

## **Technical Data:**

## **Technical Data:**

Control:

[CNC](#)

## **Dimensions and Weight:**

Weight:

7.500 kg

## **Buyer Information:**

Condition:

[Very good condition](#)

Available:

[Sold](#)

Sold as:

[EXW \(Ex Works - Incoterm\)](#)

VAT:

[19 %](#)

Buyers Premium:

[15 %](#)

Location:

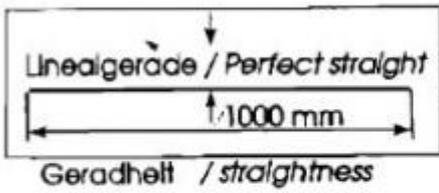
Germany

## **Images:**

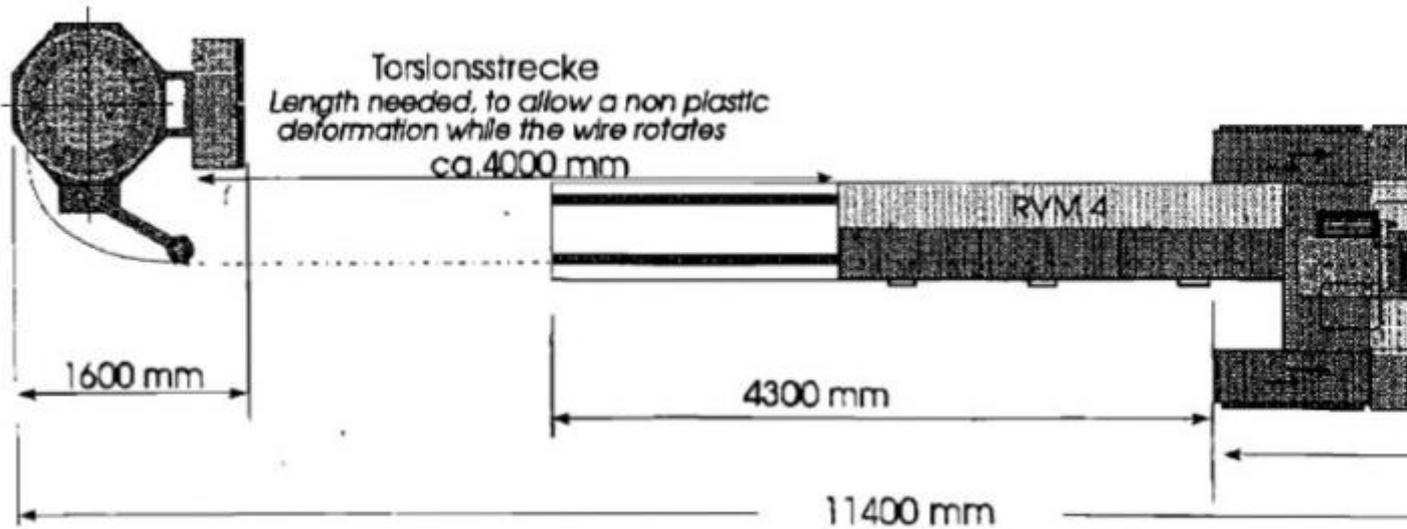
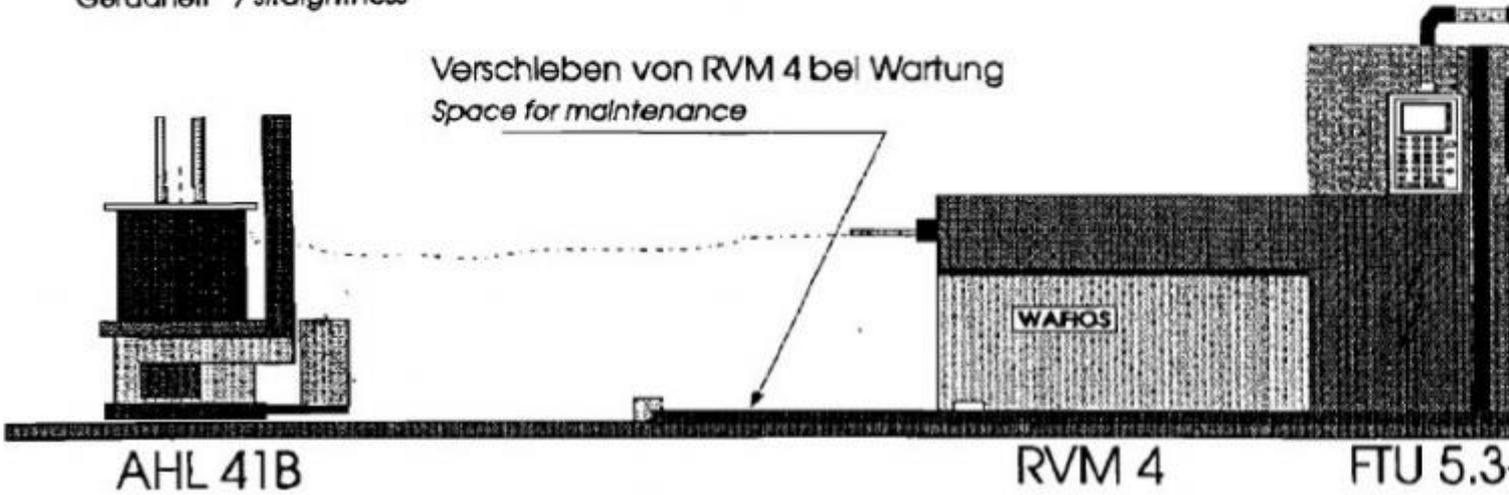


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# FTU 5.3-98 mit RVM 4



Verschieben von RVM 4 bei Wartung  
Space for maintenance



**WAFIOS MASCHINENFABRIK GMBH & CO. KOMMANDITGESELLSCHAFT D-74**

Silberburgstraße 5 Postfach 2941 Tel. Germany (0) 7121-1460 Fax Germany (0) 7121-41209









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**WAFID**

TYPE MASCHINEN NR. BAU

FTU 53-98/B

Made in Germany







10

**WAFIOS**

TYPE MASCHINEN NR. BAUJ

RVM 4/B 2  199

Made in Germany



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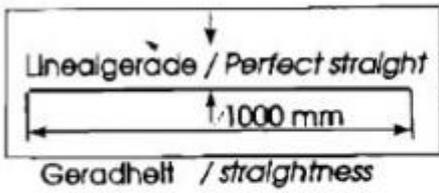
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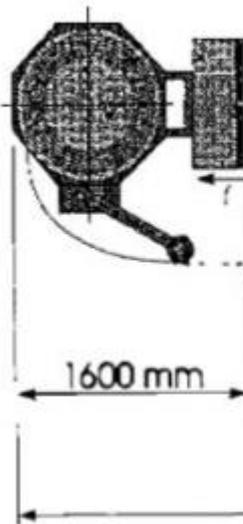
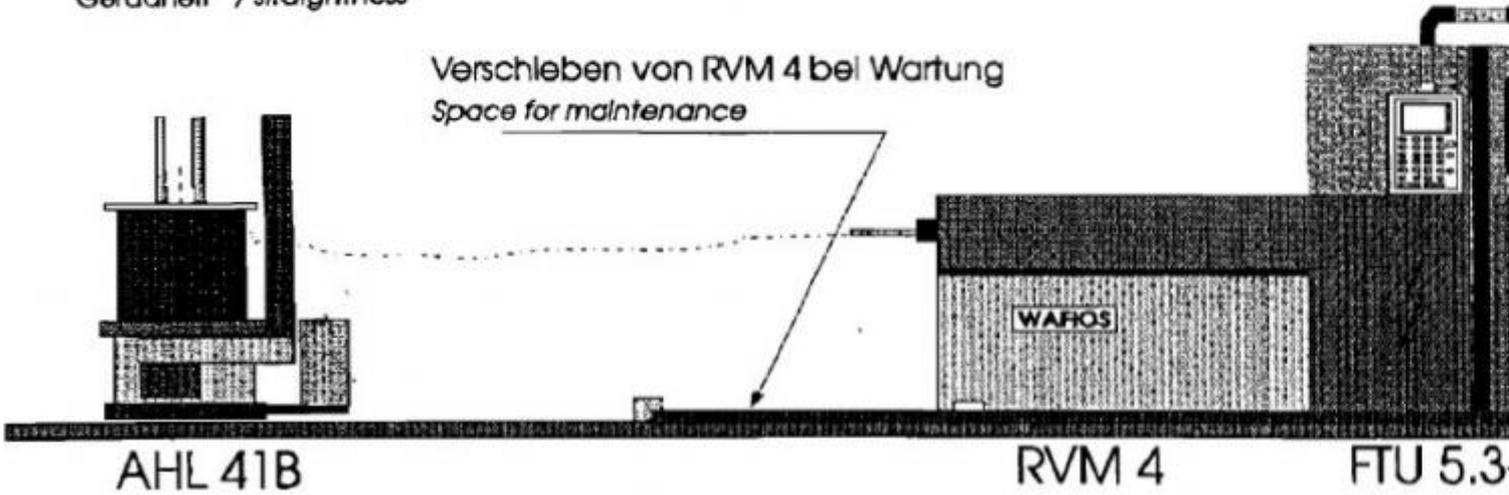


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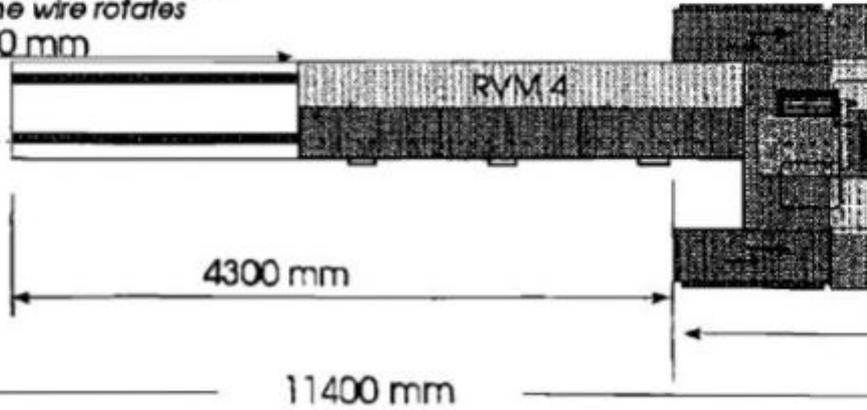
# FTU 5.3-98 mit RVM 4



Verschieben von RVM 4 bei Wartung  
Space for maintenance



Torsionsstrecke  
Length needed, to allow a non plastic  
deformation while the wire rotates  
ca. 4000 mm



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