



Specialized in used heavy machine tools from

**WALDRICH SIEGEN** **WALDRICH COBURG**

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## Quotation 5.067e

### Roll Grinder WALDRICH SIEGEN

Type: WS II a 100/25 x 5000 YOM 1962, serial no. 12.178

converted into a CNC machine in 1996

Option: new electric and new CNC control

**Date:** 00.00.2024

Contact:

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# WALDRICH SIEGEN

## 1 Roll Grinder WALDRICH SIEGEN

Type: WS IIa 100/25 x 5000, yom 1962, option new electric and CNC control



machine under production

### technical data

<b>working area</b>		
max. grinding dia	mm	1.200
min. grinding dia	mm	0
max. grinding lengths	mm	5.000
max. roll lengths	mm	5.000
max. roll weight between centers	t	25

<b>headstock</b>		
main motor	kW	40,5
revs of motor	min <sup>-1</sup>	210 – 2.100
revs at face plate	min <sup>-1</sup>	6 - 60
center height	mm	700

<b>grinding carriage</b>		
grinding spindle speeds	min <sup>-1</sup>	320 – 1.600
grinding spindle motor	kW	97,5
cutting speed	m/s	40
travel distance, longitudinal (z axis)	mm	5.000
feed, infinitely variable	mm/min	100 – 6.000
travel distance, traverse (x axis)	mm	900
rapid adjustment	mm/min	1.000
continius infeed	mm/min	+ - 10
final infeed	mm/min	0,001 – 0,05
manual adjustment, rough	mm/stroke	0,001 – 0,05
cambering	mm	10

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## abrasive wheel

max. dia	mm	900
max. widths	mm	90/100/125
wheel bore	mm	305

## tailstock

movement on guide ways	mm	5.000
clamping	mechanical	
quill adjustment	mm	200
center height		

## main dimensions, aprox

machine lengths	mm	10.000
machine widths	mm	5.000
machine heights	mm	1.800
machine weight	kg	52.000
electrical conditions	V/Hz	380/50

## price and conditions

price ex works

**machine is without electric cabinet and CNC control**

**You can carry out these options yourself, in this case we will only deliver the machine.**

**Option 1: CNC retrofit, according to scope of supply**

**Option 2: measuring system for the rolls for correction grinding  
in the CNC process**

**Option 3: MPM Wheel Balancing system**

**Option 4: mechanical supply (Foundation Springs, Cooling/Filter system)**

**Option 5: Installation and commissioning of the machine**

**Prior sales and mistakes in the technical details are explicit reserved!**

**When retrofitting, the machine full fills the standard of a new machine in the important functions.**

Terms of Payment

100 % before delivery, or via LC

Payable immediately after receipt of invoice, without any discount.

We hope that the proposed second-hand roll grinding machine will meet your requirements and we would be pleased to receive your order.

Yours faithfully,

Ernst Industrieranlagen GmbH

(E. Ernst)





# WALDRICH SIEGEN

## technology and accessories

- two bed system, grinding and work piece side are separately
- bed with grinding carriage, operators platform
- automatic grinding wheel DIA compensation (compensation of speed)
- automatic reversing of z-axis when length (limit) of roll body will reached
- cambering device



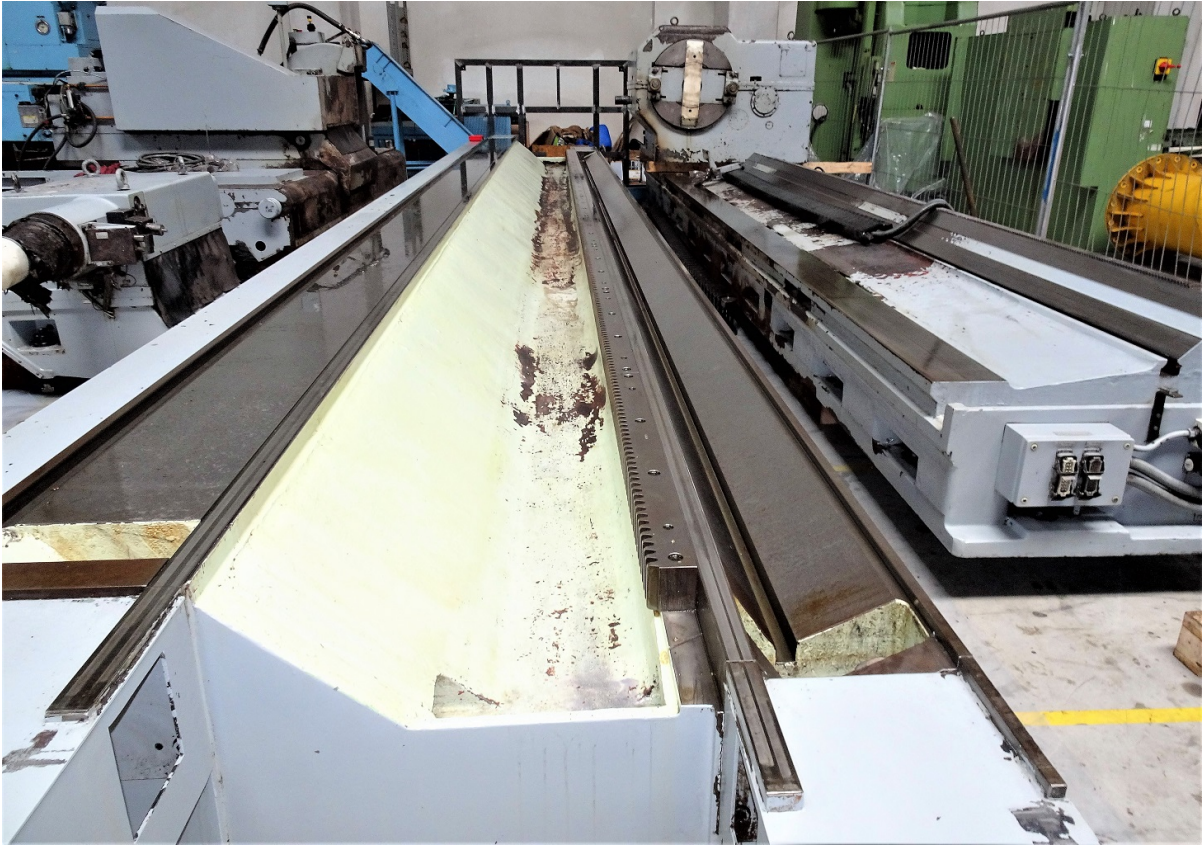
machine, stored in our warehouse in Freudenberg



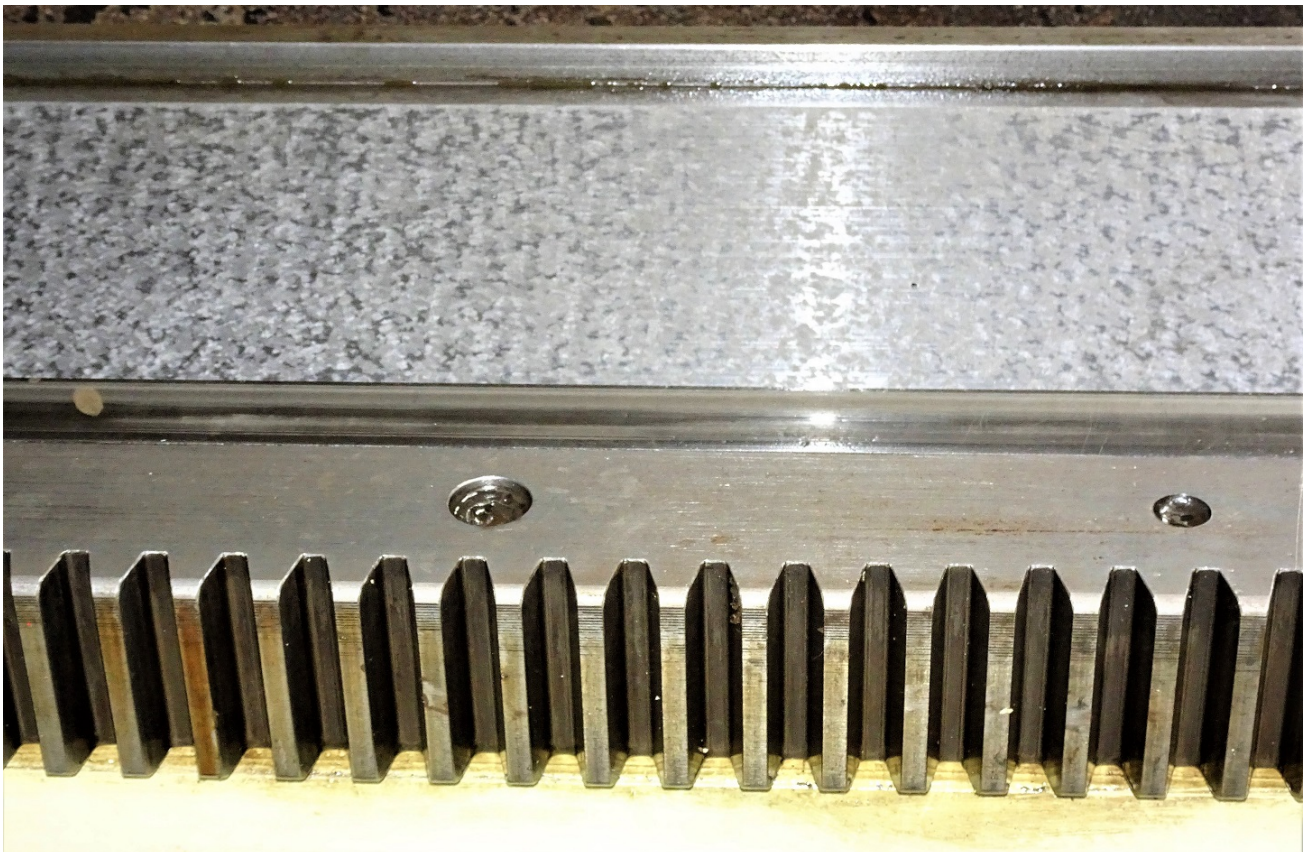


# WALDRICH SIEGEN

grinding carriage of the machine



guideways like new





# WALDRICH SIEGEN

the mechanic of the machine is excellent



complete set of leveling wedges



**Warehouse address:**  
Alte Eisen Strasse 2 - 24 (street)  
D - 57258 Freudenberg / Germany  
(near the city of Siegen)