



**1 Roll Grinder WALDRICH SIEGEN
Type: WS IIa 100/25 x 5000, option new electric and CNC control**



machine under production at Salzgitter Steelworks

technical data

working area		
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

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

grinding carriage		
grinding spindle speeds	min ⁻¹	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

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	mm	700

main dimensions, aprox

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

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 Industrieanlagen GmbH

(E. Ernst)



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



option 1 - 4 scope of supply in a separate description



new operators panel



new electric cabinet



option 3

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Specialized in used heavy machine tools from

WALDRICH SIEGEN **WALDRICH COBURG**

Dipl. Ing. Elmar Ernst Industrieanlagen GmbH
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Tel.+49 2204 9844010 Fax +49 2204 9844011 mob +49 172 1520295
email: maschinen@web.de www.ernstmachines.de



Bed grinding side, cleaned and new painted. New telescopic way covers for the bed.



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Bed work piece side cleaned, new painted and new scraped.



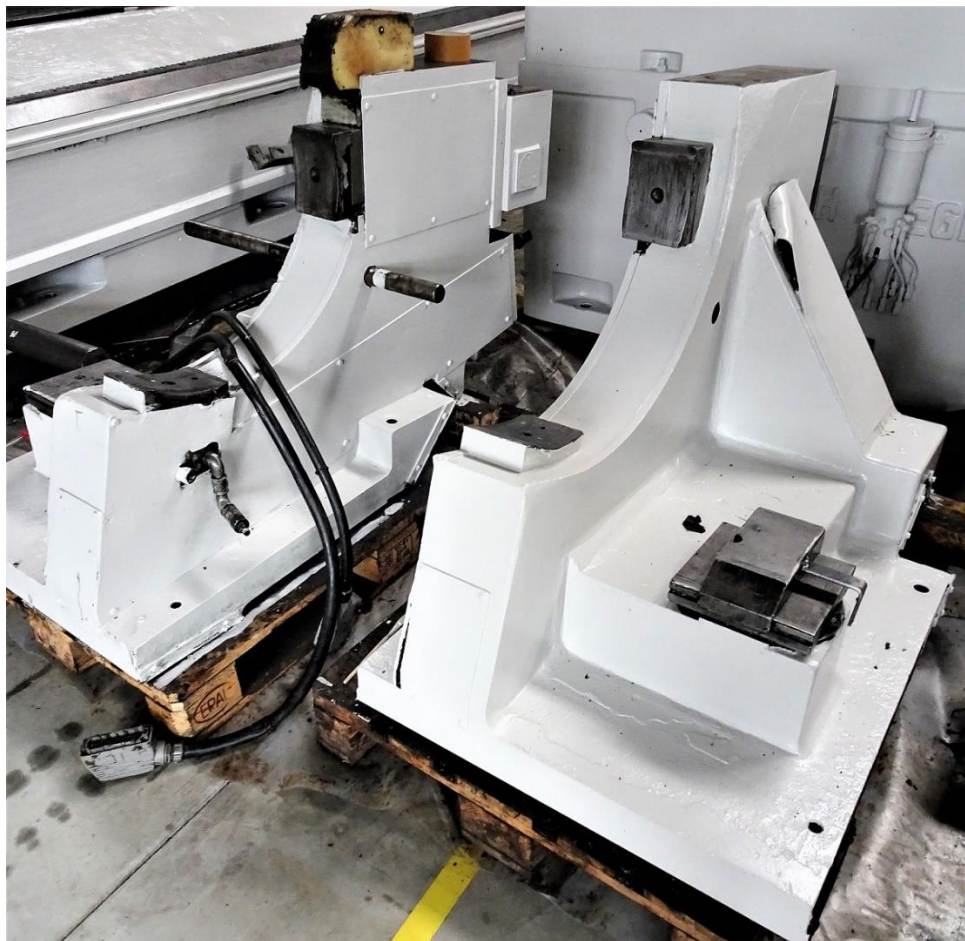
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Machine is stored in our warehouse.





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2 stadies



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Tailstock, automatically controlled through CNC



CNC controlled grinding carriage



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(near the city of Siegen)