

機械選択情報

Machinery Sale Information



CMC CO., LTD

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Date:2022.Feb.24



Listing No.22030

WALDRICH GMBH SIEGEN Germany	Heavy Duty Roll Grinding Machine	WSⅢ (10 x 6,000)	1973
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■ MAIN SPECIFICATION

大型ロール研削盤	Heavy Duty Roll Grinding Machine
最大研削径:900	Max.Dia of Rolls : 900
最大研削長:6,000	Max.Overall Length of Rolls: 6,000
最大ロール重量:10 ton	Max. Weight of Workpieces: 10 ton
メインモーター:(HP) 8-32	Main Motor: (HP) 8-32
研磨砥石径:φ700 x w70 x b305	Grinding Wheels Dimensions: 700x70x305
スピンドル回転数:540-1350	Speeds of Grinding Spindle : 540-1350
付属品付有り	With Accessories
機械寸法:L13,150 x W3,425 x H1,870	Dimensions: L13,150 x W3,425 x H1,870
機械重量:44,000kg	Machine Weight: 44,000kg

<< Contact Us >>



Tokyo, March 15, 1972

Messrs.

[REDACTED]

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Q U O T A T I O N

Maker: Waldrich G.m.b.H., Westf. / Siegen, West-Germany

Re.: WALDRICH SIEGEN

HEAVY DUTY ROLL GRINDER

Type: WS III 10 x 6000

with travelling grinding carriage

FOR ROLL SHOPS

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T E C H N I C A L D A T A

of Roll Grinding Machine, Type WS III 10 x 6000

Capacity:

Max. diameter of rolls to be ground with wheel of 700 mm dia.	mm	900
Min. diameter of rolls to be ground with wheel of 700 mm dia.	mm	0
Overall length of rolls	mm	6000
Max. weight of workpieces	tons	10 in steadies 8 between centers

Headstock:

Output of driving motor	HP	8 - 32
Speeds of this motor, infinitely variable	rpm	240-960-2400
Face plate speeds	rpm	7 - 70
Output of starting motor	HP	--

Grinding Carriage:

Feed of grinding carriage, inf. variable	mm/min.	60 - 3000
Output of feed motor	HP	5
Speeds of this motor, inf. variable	rpm	24 - 1200
Cross travel of top rest	mm	450
Output of grinding wheel motor	HP	30
Speeds of this motor, inf. variable	rpm	720 - 1800
Speeds of grinding spindle	rpm	540 - 1350

Grinding Wheels Dimensions:

Diameter	mm	700
Width	mm	70
Bore	mm	305

The design of the machine is basically in accordance with the enclosed photograph No. 8482 a and drawing No. Off. S 10835 the latter also indicating the main dimensions of the machine.

For further details about design and operation of the machine, please refer to the enclosed catalogue and leaflets.

STANDARD EQUIPMENT OF THE MACHINE

Besides the bed, headstock, headstock drive, tailstock and grinding wheel carriage, the following items are provided as standard equipment of the machine.

- 1 pair of centres (point angle according to customer's requirements)
- 1 driver mounted on the face plate
- 1 coolant pump with auxiliary motor, including piping and strainer steps at the grinding carriage, with fuse-box underneath
- 1 prism for checking the alignment of the bed
- 1 grinding wheel holder, including a puller- and lifting device
- 1 protective guard over the grinding wheel with hinged front steel cover
- 1 wheel dresser (Peristat with 5 spare wheels)
- 2 telescopic covers to protect the carriage guideways
- 1 set of V-belt for each drive
- 1 set of anti-splash guards
- 1 control panel with operating switches and indicators
- 1 operator's platform on the grinding carriage (with seat)
- 1 set of maintenance and instruction machine plates
- 1 set of spanners
- 1 grease gun
- 1 oil can

Levelling wedges to enable re-alignment of the machine, as well as foundation bolts, are stated under extra equipment.
All other anchoring parts are not included in our delivery.

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Our delivery also includes:

- a) 2 copies Foundation Drawing with all necessary dimensions, including arrangement of coolant circulation unit, and - if required - a load plan

Type and dimensions of foundation can only be determined after site conditions are known to us. We would be pleased to advise you in this matter, in which we have had long years of experience.

For the calculation, design and supply of spring units for a vibration-free foundation, we recommend contacting a specialist company which could also supervise the execution of the foundation.

- b) 2 sets operation manuals, including Lubrication Plan
c) 2 sets Spare Part Lists for mechanical and electrical parts
d) 2 sets Complete Wiring Diagrams
e) 2 sets Cable Lists

Supply of the above mentioned documents:

- item a) halfway through the delivery period
items b - e) upon delivery of the machine

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STATEMENT OF PRICES

Price of the basic machine, complete with the standard equipment and the documents specified on pages 3 and 4, for an overall roll length of 6000 mm

Including:

- 1 Device for continuous infeed of the grinding wheel to compensate for wheel wear and to keep grinding performance constant
- 1 Device for direct indication, regulation, control and hold of the grinding wheel circumferential speed
- 1 Concave and convex grinding device

DM 544,000.-

Price of the complete electrical equipment for connection to 3-phase 200 Volt, 50 cycles, whereby grinding wheel-, headstock- and feed motors are supplied as variable speed D.C. motors with Thyristor control

The equipment is finish-wired and fitted to the machine. All internal cables and wiring are included in our delivery (excluded are the supply cables to the machine in the factory and connecting cables between machine and control cabinet)

DM 158,000.-

EXTRA EQUIPMENT

- 1 Pair of steady rests with check and measuring device, for roll neck diameters from 350-550 mm for cylindrical necks

DM 37,000.-

- 1 Diamond for fine dressing of grinding wheels

DM 1,100.-

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1 Additional grinding wheel holder	DM 1,700.-
1 Device for balancing the grinding wheel during running incorporated in the grinding spindle, with electronic measuring device	DM 5,600.-
1 Special dressing device for re-profiling the grinding wheel	--
1 Device for grinding the high barrel ends of hot mills rolls, with load-dependent carriage reversal, with decade switch for stroke counter and switch for continuous infeed and automatic wheel approach	--
1 Complete coolant purifying unit normal filtering	DM 7,400.-
1 Complete set of anchoring parts (levelling pads for carriage bed, anchor bolts for workpiece bed and carriage bed)	DM 9,400.-
<u>TOTAL PRICE</u> of the machine complete with the aforementioned equipment	DM 764,200.-

Total weight of the machine 44,000 kgs.

For 500 mm increase or decrease in distance between centres, should a different overall roll length be required

DM 6,900.-

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All items not expressly mentioned in this offer are not included in the delivery.

P r i c e s :

are to be understood CIF Japan. They are based on the costs for material and wages which are in force on the date of this offer. Any increase or decrease of the material costs and wages after this date until the completion of the machine in the maker's works are for buyer's accounts. The freight and insurance charges are calculated on the base of the today's valid rates. In case of any alteration we reserve the right of charging you with the actual rates prevailing at the date of shipment.

P a y m e n t :

in DM, 1/3 cash,
balance by an irrevocable and confirmed L/C to be remitted respectively opened with order in favour of C. Illies & Co., Export G.m.b.H., Hamburg, preferably through M.M. Warburg Brinckmann, Wirtz & Co., Hamburg or Deutsche Bank AG., Hamburg, payable against presentation of shipping documents at Hamburg and available for shipment from any European port. In case you have to use any other currency for payment unavoidably, we are entitled to receive full contracted value in DM irrespective any fluctuation.

T a x e s :

should any Sales, Use, or Border Tax or other similar tax be imposed on the sales of the goods offered and should the seller be held responsible for its collection of payment such tax will be added to the above quoted price.

S h i p m e n t :

December 1972 in case we receive a firm order by the end of March, 1972.

I r i s u S h o k a i K . K .

L. Sasagawa

Mo/mn

HTTW 9935

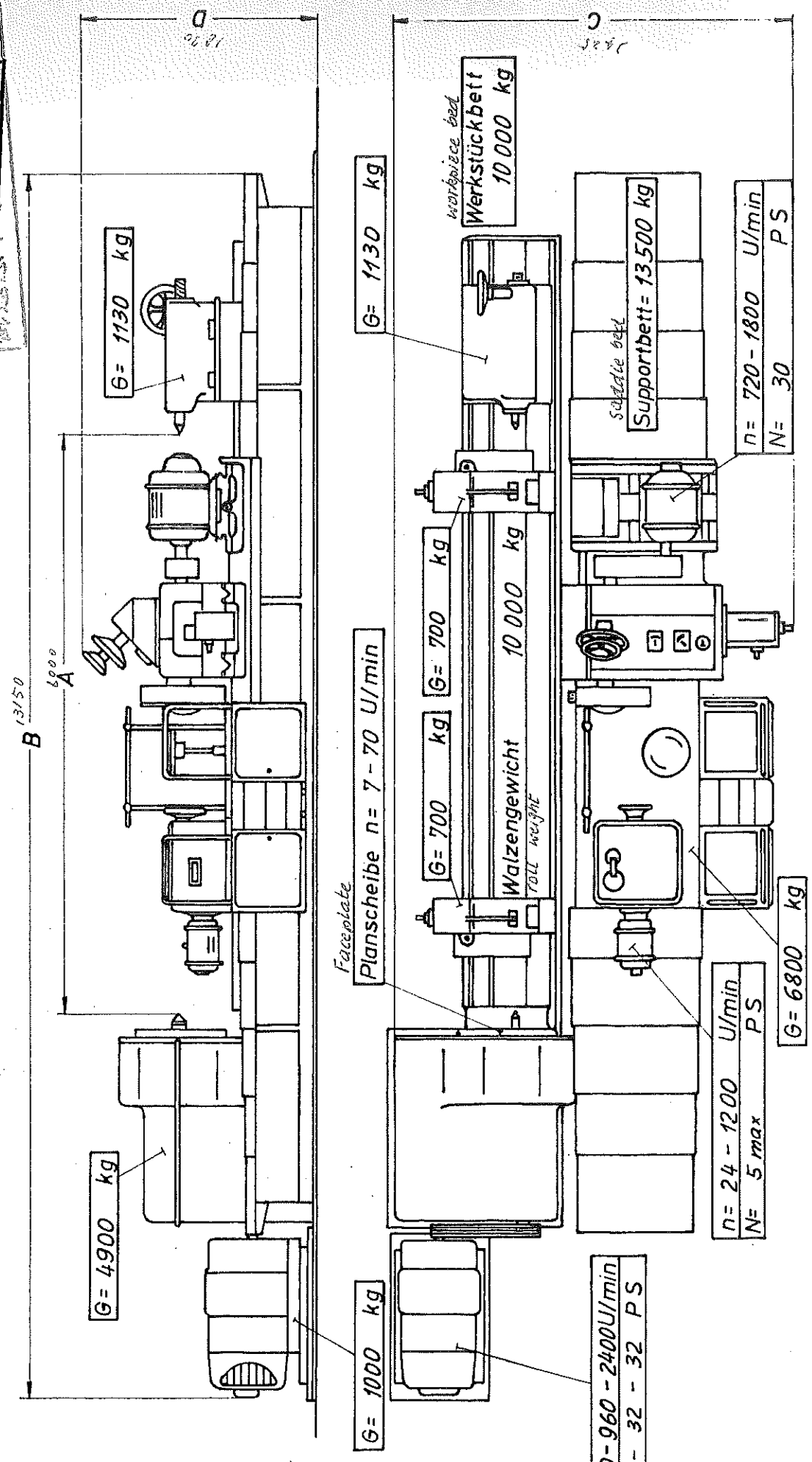
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Heftrand

Walzenschleifmaschine WS III 10 x 6000



↕
 saddle travel up to end of bed
 Support - Beweglichkeit
 bis Bett - Ende

D	1870
C	3425
B	13150
A	6000

Off. S 10792

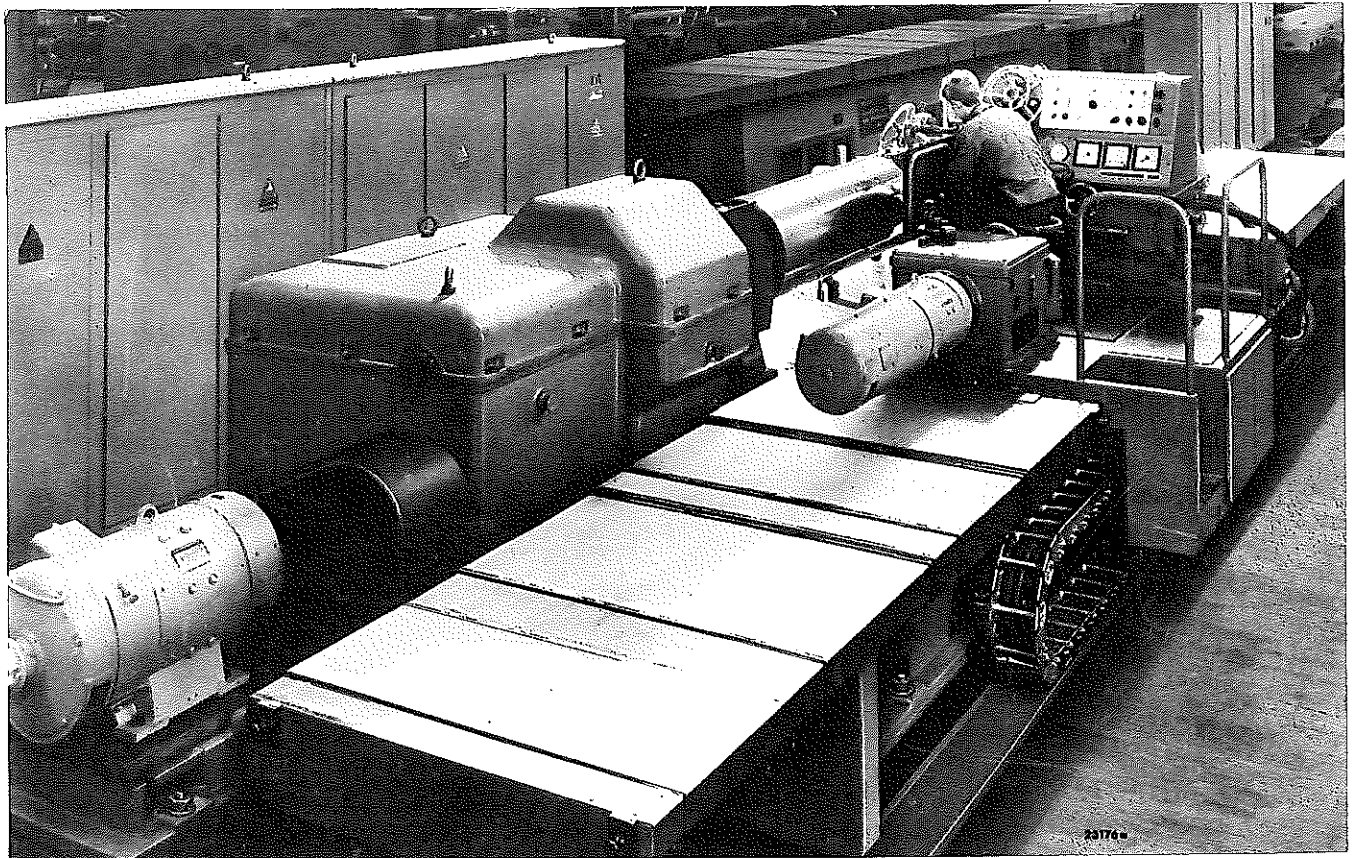


MASCHINENPASS

Maschinenart: WALZENSCHLEIFMASCHINE (Standardausführung)

Typ: WS III 10 Komm.-Nr.: 12 331

Einsatzgebiet: Hohl-, Ballig- und Zylindrisch-Schleifen der Arbeits- und Stützwalzen für ein Kaltwalzwerk (u. a. hochglanzpolierte Walzen für Nirosta-Bleche)



Konstruktionsmerkmale:

Kontinuierliche Zustellung des Obersupports zum Ausgleich des Scheibenverschleißes

Direkte Regelung, Überwachung und Konstanthaltung der Scheiben-Umfangsgeschwindigkeit

In die Schleifspindel eingebauter Auswucht-Mechanismus mit elektronischer Anzeige

Eingerichtet zum Anschluß einer Programm- und Meßsteuerung ROGRIMAT

Technische Daten:

Schleifdurchmesser	900 mm
max. Werkstückgewicht	10 t
Gesamtwalzenlänge	4500 mm
Schleifspindel-Antriebsleistung	30 PS
Drehzahlen der Schleifspindel	540 - 1350 U/min
Spindelstock-Antriebsleistung	14 PS
Drehzahlen der Planscheibe	6 - 48 U/min
Support-Vorschübe	60 - 3000 mm/min
Querkurs des Obersupports	425 mm

H. A. WALDRICH GMBH. SIEGEN

ADRESSE: H. A. WALDRICH GMBH., D 59 SIEGEN ST. - JOHANN - STRASSE 33 POSTFACH 310