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## REFERENCE LIST

### PLANO MILLER (CNC and conventional)

1

**CNC Plano Miller INGERSOLL BOHLE**, Model MC T2/150 x 200, yop 1986,  
ser.-no. 800.446  
customer: Maschinenbau Demmeler Memmingen, Germany  
application range: common engineering

2

**CNC Plano Miller WALDRICH SIEGEN**, Model V/H-FR-55kW (1S/P)250/160/225x600(2)  
yop 1979, ser.-no. 11 211, in 1996 remanufactured and equipped with CNC NUM 1060  
in cooperation with WALDRICH SIEGEN  
customer: Pechiney Rhenaly, Plant Issoire, France  
application range: manufacturing of Airbus and Boeing parts

3

**CNC Plano Miller INGERSOLL BOHLE**, Model MC T2 180x600/700 AT, yop 1986  
ser.-no. 800.472  
customer: Deharde Maschinenbau Varel, Germany  
application range: manufacturing of air craft parts

4

**CNC Plano Miller WALDRICH COBURG**, Model 17-10 FP 180 CNC/8m  
ser.-no. 2.8207.02, in 1996 remanufactured and equipped with SINUMERIK 840 C  
customer: Metalna Ecce Maribor, Slovenia  
application range: common engineering

5

**CNC Plano Miller WALDRICH COBURG**, Model 20-10 FP 320-600/400 -75kW,  
yop 1976, ser.-no. 2.8502.06  
customer: Litostrojj Tovarna Ultikov Ljubljana, Slovenia  
application range: foundry, machining of turbine housings



6  
**CNC Plano Miller WALDRICH COBURG**, Model 20-10 FP 320-700(1)120kW  
yop 1981, ser.- no. 2.8503.05, in 2001 remanufactured and equipped with SINUMERIK 840 D  
customer: EXCO Luxembourg  
aplication range: common engineering

7  
**CNC Plano Miller WALDRICH SIEGEN**, Model V/H-FR-55 kW(1S/P)375/160/350x600(2),  
yop 1980, ser.-no. 11 219, in 2000 remanufactured and extended to 5 axis and equipped with  
SINUMERIK 840 D, new ATC, new RAA serving device, 2-axis CNC controlled RAA in  
cooperation with WALDRICH SIEGEN  
customer: TEC Belo Horizonte, Brazil  
aplication range: tool and die industry

8  
**CNC Plano Miller WALDRICH SIEGEN**, Model V/H-FR-55 kW(1S/P) 200/160/175x400(2)  
ser.-no. 11 249, in 2001 remanufactured and equipped with SINUMERIK 840 D  
customer: Krämer Stahl - und Maschinenbau Siegen, Germany  
aplication range: common engineering

9  
**Plano Miller WALDRICH SIEGEN**, Model PF-AR- 50 kW(1P) 200/200/175x800(1)Bj.1976  
ser.-no. 11 170  
customer: BÖHLER Edelstahlwerke, Werk Kapfenberg, Austria  
aplication range: milling of big forging dies

10  
**CNC Machining Centre, (portal type) DROOP & REIN**, Model FPV 2000 SL 40 14 NPW,  
yop 1991, ser.-no. 6528  
customer: August Läßle Heilbronn, Germany  
aplication range: tool and die industry

11  
**CNC Plano Miller WALDRICH SIEGEN**, Model PF-H-75kW(1S)250/300/225x400(2),  
yop 1980/2003, remanufactured in 2003 and equipped with SINUMERIK 840D  
customer: HSD, Engine Co.LTD., Changwon-City, South Korea  
aplication range: machining of diesel engine housings



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**CNC Plano Miller WALDRICH COBURG**, Model 17-10FP275CNC 4500x4500(2)  
ser.-no. 38313, yop 1992  
customer: IN-WHA Precision, Changwon, South Korea  
application range: machining of diesel engine housings

13

**CNC Plano Miller WALDRICH SIEGEN**, Model V/H-AR-50kW(1S/P)275/250/250x375(2),  
serial no. 11.287, yop 1987  
customer: JINDAL STEEL AND POWER LTD, New Delhi/India  
application range: common engineering

14

**CNC Plano Miller WALDRICH SIEGEN**, Model PMC 3000 FT-R1- (50 kW)300/175/250x500(1)  
serial no. 11.328, yop 1992  
customer: TECO Hilden for Taiwan  
application range: common engineering

15

**CNC Plano Miller WALDRICH SIEGEN**, Model V/H- FR- 50 kW (1S/P)250/160/225x300(2)  
serial no. 11.232, yop 1981  
customer: OPS INGERSOLL, Burbach Germany  
application range: machine tools

16

**CNC Plano Miller WALDRICH COBURG (6 axis)**, Model 17S – 10 FP 250 CNC  
serial no. 2.8306.01, yop 1989  
customer: AMTEK/INDIA  
application range: medium speed diesel engines

17

**CNC Plano Miller WALDRICH COBURG (6 Axis)**, Model 17S – 10 FP 250 CNC  
serial no. 2.8305.10, yop 1989  
customer: AMTEK/INDIA  
application range: medium speed diesel engines

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### HBM, table and floor type (CNC and conventional)

01

**HBM, floor type SKODA**, Model W 200 H, yop 1991 ser.-no. OB 24.089  
customer: FARAB INTERNATIONAL Teheran, Iran  
application range: machining of turbine housings

02

**HBM, floor type SKODA**, Model W 200 H, yop 1982, ser.- no. OB 22.432  
customer: Stanko Market Odintsovo, Russia  
application range: common engineering

03

**CNC HBM, floor type SKODA**, Model W 250 H, yop1982, ser.-no. OB 22.405  
customer: Hwang Won Precision Changwon, South Korea  
application range: common engineering

04

**CNC- Precisions – Machining Centre INGERSOLL BOHLE**, Model W 2.140, yop 1982,  
customer: Cloos Haiger, Germany  
application range: machining of welding roboters

05

**CNC- Precisions – Machining Centre INGERSOLL BOHLE**, Type W 2.140, yop 1986,  
ser.-no. 800.475, 4 pallets  
customer: Aug. Bierens Tilburg, Holland  
application range: machining of gear boxes

06

**CNC Rotary Table SCHARMANN**, Model TDV 7, yop 1982, ser.-no. 287009, 80 to,  
clamping area 4000 x 6000  
customer: Richter Maschinenfabrik AG Hess.- Lichtenau, Germany  
application range: machining of large press columns

07

**Rotary Table SKODA**, Model E 25, yop 1992, ser.-no. Ob 24388  
customer: ITM Co., Ltd., 64 Fucheng Road, Mianyang, Sichuan, 621000 China  
application range: common engineering



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**08**

**HBM, table type UNION**, Model BFT 130/6, yop 1982,  
customer: WARD Machinery, Sheffield, England  
application range: common engineering

### Roll Grinder/Slide Way Grinder

**01**

**CNC Roll Grinder WALDRICH SIEGEN**, Model WST 1500/25, yop 1960,  
ser.-no. 12 123, in 1997 extended of dia. 3500 mm and lengths 8500 mm, equipped with a CNC  
control make Vosswinkel on SIEMENS basis  
customer: Bauer Hannover, Germany  
application range: grinding of chrome covered rolls

**02**

**CNC Roll Grinder WALDRICH SIEGEN**, Model WS III 80/6x5000, yop 1966,  
ser.-no. 12 267, in 1999 remanufactured and equipped with a new grinding carriage WALDRICH  
SIEGEN WS III CP, new CNC control WALDRICH SIEGEN GPC II, incl. new measuring system  
CP- type  
customer: Commonwealth Aluminium Lewisport Kentucky, USA  
application range: grinding of work rolls for aluminium foils

**03**

**CNC Roll Grinder WALDRICH SIEGEN**, Model WSF CP 4,5 x 4200, yop 1989,  
ser.-no. 12 658, in 2001 equipped with new CNC control WALDRICH SIEGEN GPC II  
customer: ALCOA Aluminio S.A. Itapissuma, Brazil  
application range: grinding of work rolls for aluminium foils

**04**

**Roll Grinder WALDRICH SIEGEN**, Model WS II b 20 x 5000, yop 1971,  
ser.-no. 12 369, in 2000 remanufactured and equipped with a new electric cabinet  
customer: DAE SHIN Industrial Pusan, South Korea  
Application range: grinding of rolls and pistons

**05**

**Roll Grinder WALDRICH SIEGEN**, Model WS I 100sp x 16000, yop 1971,  
ser.-no. 12 374, in 2001 partly remanufactured  
customer: Chengdu Zhongde Roll Manufacturing CO.LTD, Chengdu/China  
application range: manufacturing of rolls



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**06**

**Roll Grinder WALDRICH SIEGEN**, Model WS II a 1450 x 8000, yop 1961,  
ser.-no. 12 153, in 2001 mechanical complete remanufactured  
customer: MDH/Saldanha Steel, South Africa  
application range: grinding of back up rolls

**07**

**Roll Grinder WALDRICH SIEGEN**, Model WS III h 10 x 5000, yop 1971,  
ser.-no. 12 368, in 2002 mechanical partly remanufactured  
customer: Hartchromwerk Brunner AG, Switzerland  
application range: grinding of chrome covered rolls

**08**

**Roll Grinder WALDRICH SIEGEN**, Model WS III 750 x 4000, yop 1953,  
customer: Indexim Berlin, Germany, for export to India

**09**

**Roll Grinder WALDRICH SIEGEN**, Model WS III 500 x 6500, yop 1954,  
customer: ALOCCO S.A., 2124 Villa Gobernador Galvez, Argentina  
application range: manufacturing of rolls

**10**

**Grinder NAXOS UNION**, Model KM 630, yop 1969, ser.-no. 630540,  
customer: Chengdu Zhongde Roll Manufacturing, Co.LTD, Chengdu/China  
application range: manufacturing of rolls

**11**

**CNC Slide Way Grinder WALDRICH COBURG**, Model 30 SZ 3025 X, yop 1992,  
serial - no. 3.4323  
customer: Iran Heavy Dies Manufacturing Co., Teheran, Iran  
application range: grinding of bed guide ways of machine tools

**12**

**Roll Grinder WALDRICH SIEGEN**, Model WS II a H50x6000  
yop 1970, serial no. 12.366  
customer: HULAMIN, South Africa  
application range: back up rolls for aluminium plant

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**13**

**Roll Grinder WALDRICH SIEGEN**, Model WS II a (30 x 5500)

yop 1961, serial no. 12.119

customer: INDIAN STEEL, INDIA

application range: back up rolls

**14**

**Roll Grinder WALDRICH SIEGEN**, Model WS II b 10 x 5000

yop 1971/2000, serial no. 12.369

customer: INDIAN STEEL, INDIA

application range: work rolls

**15**

**CNC Roll Grinder WALDRICH SIEGEN**, Model WST IV H 50 x 8.500

yop 1985, serial no. 12.593

customer: Walzen IHRLE, Deuz/Germany

application range: roll manufacturer

### Turning Lathe and VTL (CNC und conventional)

**01**

**CNC Lathe HEYLIGENDAEDT**, Model DNc 710/II/16x5000, yop 1976,  
ser.-no. 1850 7 1244, in 1997 remanufactured and equipped with new CNC control  
SINUMERIK 840 C

customer: Steinhoff Dinslaken, Germany

application range: machining of rolls

**02**

**CNC Lathe HEYLIGENSTAEDT**, Model 2U/3000, yop 1975, ser.-no. 1850-5-0402  
in 1996 remanufactured and equipped with new CNC control SINUMERIK 840 C

customer: Koller Maschinenbau Seebach, Austria

application range: common engineering

**03**

**Heavy Duty Lathe RAVENSBURG**, Model K 85/7000, yop 1967, ser.-no.8508

customer: Mechanische Bearbeitung Carsten Berens, Welschen Ennest, Germany

application range: machining of large tubes



04

**Heavy Duty Lathe WALDRICH SIEGEN**, Model WSD 65, yop 1966, ser,- no. 13061/0  
customer: United Foundry, USA  
aplication range: manufacturing of rolls

05

**VTL SCHIESS**, Model KZ 25, yop 1968  
customer: Mechanische Bearbeitung Carsten Berens, Welschen Ennest, Germany  
aplication range: machining of large tubes

06

**CNC Lathe BOEHRINGER**, Model 250 C-U, yop 1987,  
CNC control PHILIPS 3580  
customer: Ellermann Metallverarbeitung u. Formenbau, Dielingen/Germany  
aplication range: common engineering

### **Gear Machinery (CNC and conventional)**

01

**Gear Hobbing Machine PFAUTER**, Model P 3000/5000, yop 1977, ser.-no.25 303  
customer: Maschinenfabrik Bröhl Koblenz, Germany  
aplication range: manufacturing of large gears

02

**Gear Hobbing Machine MODUL**, Model ZFWZ 25, yop 1985,  
customer: delivered via Kemmerich to Finland  
aplication range: manufacturing of large gears for wind mills 2.500 mm

03

**Gear Hobbing Machine MODUL**, Model ZFWZ 1250, yop 1978,  
customer: Mr. Song, for export to China

04

**Gear Grinding Machine NILES**, Model ZSTZ 1000, yop 1977  
customer: Mr. Song, for export to China



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05

**Gear Grinding Machine NILES**, Model ZSTZ 25, yop 1982, ser.-no. 53/04-04  
customer: ITM Co., Ltd., 64 Fucheng Road, Mianyang, Sichuan, 621000 China  
aplication range: manufacturing of large gears for the diesel engine industry