

**ERNST INDUSTRIEANLAGEN GMBH** **Specialized in used heavy machine tools from** **WALDRICH SIEGEN + WALDRICH COBURG**

Dipl. Ing. Elmar Ernst Industrieanlagen GmbH  
Hüttenfeld 8 (street) D - 51427 Bergisch Gladbach (city)  
Tel.+49 2204 9844010 Fax +49 2204 9844011 mob +49 172 1520295  
email: maschinen@web.de www.ernstmachines.de

## REFERENCE LIST

### PLANO MILLER (CNC and conventional)

**01**

**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

**02**

**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

**03**

**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

**04**

**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

**05**

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

**06**

**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  
application range: common engineering

**07****CNC-Plano Miller WALDRICH COBURG**

Type 17-10 FP 275 CNC/2x4,5 , yop 1992, Serien – Nr.3.3813

CNC control SINUMERIK 880 M 4 axis

customer: DAE SHIN Südkorea

application: common engineering

**08****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: AETHRA Belo Horizonte, Brazil

application range: tool and die industry

**09****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

application range: common engineering

**10****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

application range: milling of big forging dies

**11****CNC Machining Centre, (portal type) DROOP & REIN**, Model FPV 2000 SL 40 14 NPW, yop 1991, ser.-no. 6528

customer: August Läßle Heilbronn, Germany

application range: tool and die industry

**12****CNC Plano Miller WALDRICH SIEGEN**, Model PF-H-75kW(1S)250/300/225x400(2), Ser.-no. 11.212, yop 1980/2003, remanufact. in 2003 and equipped with SINUMERIK 840D

customer: HSD, Engine Co.LTD., Changwon-City, South Korea

application range: machining of diesel engine housings

**13****CNC Plano Miller WALDRICH COBURG**, Model 17-10FP275CNC 4500x4500(2)

ser.-no. 3.8313, yop 1992

customer: IN-WHA Precision, Changwon, South Korea

application range: machining of diesel engine housings

**14**

**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

**15**

**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

**16**

**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

**17**

**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

**18**

**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

**19**

**CNC Plano Miller WALDRICH SIEGEN**, Model PMC 3000 RQ1(63kW) 300/150/250x300(P)  
serial no. 11.335, yop 1994  
customer: WEIFANG HICREDIT CO. LTD., China  
application range: paper machines, diesel engines

**20**

**CNC Plano Miller WALDRICH SIEGEN**, Model PMC 3000 RQ1(63kW) 300/150/250x300(P)  
serial no. 11.336, yop 1994  
customer: WEIFANG HICREDIT CO. LTD., China  
application range: paper machines, diesel engines

**21**

**CNC Plano Miller WALDRICH SIEGEN**, Model V/H AR 60 kW (1S/) 350/210/300x400(3P)  
serial no. 11.300, yop 1988  
customer: WEIFANG HICREDIT CO.LTD., China  
application range: paper machines, diesel engines

**22**

**CNC Plano Miller WALDRICH COBURG**, Model 17 – 10 FP 400 CNC  
serial no. 2.8304.07, yop 1984  
customer: WEIFANG HICREDIT CO.LTD., China  
application range: paper machines, diesel engines

**23**

**CNC Plano Miller WALDRICH COBURG**, Model 17S – 10 FP 250 CNC  
serial no. 2.8305.08, yop 1989  
customer: BUDERUS EDELSTAHL Wetzlar, Germany  
application range: steel blocks

**24**

**CNC Plano Miller WALDRICH SIEGEN**  
Model PMC 3000 AR - RQ1 63kW (1S/P)300/300/250x650(2), yop 1991, serial no. 11.325  
customer: SITEK Belarus, for Diesel engine manufacturing in Russia  
application range: production of Diesel engines

**25**

**6 axis CNC Plano Miller WALDRICH COBURG**  
Model 17S – 10 FP 75 kW 250 CNC / 5 m, yop 1989, serial no. 3.8309  
customer: SIEMENS ENERGY Leipzig  
application range: production of compressors

**26**

**4 axis CNC Plano Miller WALDRICH COBURG Gantry Type**  
Model 17 – 10 GMF 450 NC , yop 1988, serial no. 3.9201  
customer: ThyssenKrupp Plant Lippstadt  
application range: processing of large ring segments

**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

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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

**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

**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

**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 IRLE, Deuz/Germany  
application range: roll manufacturer

**16**

**CNC Roll Grinder HERKULES**, Model P 100 WSB 450  
yop 1990, serial no. 73 970  
customer: PAM Rollers Factory/Italy  
application range: roll manufacturer

**17**

**CNC Roll Grinder WALDRICH SIEGEN**, Model WST IV H 70 x 13000  
yop 1981/2007, serial no. 12.540  
customer: STOWE WOODWARD AG, Düren/Germany  
application range: roll manufacturer

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**18****CNC Roll Grinder WALDRICH SIEGEN**, Model WS II 25 x 5000

yop 1965/2020, serial no. 12.265

customer: NEO Industries India

application range: roll manufacturer

**19****Roll Grinder WALDRICH SIEGEN**, Model WSF 6 x 4.500

yop 1978, serial no. 12. 502

customer: Mr. Reeder Berlin Germany

application range: dealer

**Turning Lathe and VTL (CNC and conventional)****01****CNC Lathe HEYLIGENDTAEDT**, 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

application range: manufacturing of rolls

**05****VTL SCHIESS**, Model KZ 25, yop 1968

customer: Mechanische Bearbeitung Carsten Berens, Welschen Ennest, Germany

application 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  
application range: common engineering

**07**

**CNC Roll/Turbine Lathe WALDRICH SIEGEN**, Model DH 1600/30 CNC 8000-1,  
yop 1982/2019, new CNC control SIEMENS SINUMERIK 840 DsL  
customer: WALZEN IRLE Deuz/Germany  
application range: roll maker

### **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  
application range: manufacturing of large gears

**02**

**Gear Hobbing Machine MODUL**, Model ZFWZ 25, yop 1985,  
customer: delivered via Kemmerich to Finland  
application 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

**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  
application range: manufacturing of large gears for the diesel engine industry