

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
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 Alumínio 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

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

08

CNC Roll/Turbine Lathe WALDRICH SIEGEN, Model DH 1600/40 CNC x 12000-1, yop
1989, Serial No. 13.152, new CNC control and electric by customer
customer: THAIROLLER Bangkok
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
