

MACHINERY LIST

May 2009

TURNING

Boley BC42 with X2-Axis and BC 20		
Daewoo PUMA 300 M and Lynch 210		
DAINICHI F-20 BM		
FCL 1840, Ø 600 mm		
Gildemeister TWIN 32 and 42		
Gildemeister CTX 400 CNC		
Gildemeister CTX 400 2V1 Fanic, CNC		
INDEX C 100		
INDEX C 200		
INDEX G 300	4x	
INDEX G 200	5x	
INDEX ABC 52		
INDEX ABC 25		
INDEX ABC 65		
INDEX ABC Speed		
INDEX Ms 32	2x	
INDEX Ms 52		
INDEX GS 42		
INDEX C65		
MAS 42 Numeric PLUS		
MATEC DS 200 vertikal		
MAVEG		
Miyano ABX 64 TH 2		
Miyano ABX 51 TH 2		
Miyano BNC 34		
Miyano BNC 42		
Miyano BND 42 S 5		
Miyano BNJ 42SY		
Miyano BNE 51 SY		
Miyano LX08		
Monforts RNC 3 and RNC 2		
MORI Seiki ZL- 200SMC		
OKUMA LU 15 D 360x1000 2 Revolver		
OKUMA LB300 D 360x1000		
OKUMA Space Turn LB 400 M / Ø 300 mm		
OPTIMUM D 360x1000		
Pfiffner-Indexing table Hydromat HW 25/12		
Pfiffner-Indexing table Hydromat HB 32/16		
Pfiffner-Indexing table Hydromat HLW 25/12		
Pfiffner-Indexing table Hydromat VM 16 / HW 20	3x	
RD 250 S8		
STAMA MC 320		
STAR SA 16 R		
STAR SR 12 and 16		several
STAR SR 20		several
STAR SV 20		
STAR ECAS 20 / 32		
STAR SV 32		
STAR SB 16		
STAR SR 20 II		
Tornos Schaublin 42 S-TM6Y		
Tornos Bechler DECO 13		
Tornos Bechler DECO 2000/20		
Tornos Bechler ENC 167		several
Traub TNM 28		
Traub TNC 42 DG		several
Traub TNC 42		
Traub TNS 65		
Traub TNC 65 DGY		
conv. turning machines with max. Ø 50 mm and max. 630 mm		

MILLING

ARES Seiki R 450
AXA 5 axis, 2300x500x700 vertical, 49 tools
Bridgeport TORO-CUT TC 36
Brother, 1500x400x400 and 300x400x200
Cincinnati SABRE 750, 750x510x560 and 1000 CNC
Cincinnati SABRE 1000, 1000x510x560
DMG / DMU 50eV CNC 5-axis 500x400x450
EMACH EBM 2150
FQW 400
Hermle C 600U 600x450x450
HURCO VMX 24 CNC-BAZ 610x510x610
HURCO VMX 40 CNC-BAZ 1060x610x610
HURCO VMX 64 CNC-BAZ 4-axis 1625x860x760
HURCO VMX 42 1060x610x610
HURCO VTUX CNC-BAZ 5-axis 800x700x510
Kitamura Mycenter 2xi; 3xi and 300 iF

MAHO 600 W
MAVEG FNG 40, CNC 560x450x420
MIKRON UCP 600
OKUMA MA-40 HA 4-axis 560x610x560 horizontal, 60 tools
OKUMA MX45 VAE 3-axis 760x460x600 vertical, 32 tools
OKUMA Vertikal VR 40 and MB 46 VAE 762x460x460
HSC-milling machine OPS 550 (INGERSOLL)
Traub TVC 200 400x300x400
UNITECH CSF 2
WMC 1100
WMF 200 conv. milling machine 700x550x500

GRINDING

Kellenberger, WMW, TOS, Studer
Degen Grindturn alpha
ESTARTA
MIKROMAT
RÖSLER
NOVA, Reinecker
SUNNEN
Wicki CG 12 and Studer OC

grinding machine CNC 2 Monza Officine Monzese, max. Ø100 mm
MIKROSA
SFW 200x630/3, MIKROMAT
S20-4CNC
SU 315

OTHER MACHINES

JIG BORING
BKoE 400x630/2

BROACHING
LLR

SHAPE ROLLING
Profilroll

ENGINEERING
CAD –Software Solid Works
CAD/CAM Software PEPS

ERODING
Charmilles Technologies Form 20 CNC
ROBOFORM 20 (Charmilles)
CENTER 400 (INGERSOLL)
ROBOFIL SLP 240 (Charmilles)
AGIECUT 1000 350x300x250
Mitsubishi RA 90
Mitsubishi FA 20 PM

ASSEMBLING
BalTec riveting machines
Montagen für cable assembly u. LWL-Kabel

FLAT LAPPING / POLISHING
FLM 500 –P/R

HONING
SUNNEN

THREADING
diverse Einrichtungen

MEASURING
TESA Scan 25, TESA–Micro Hite 600
GMS 32
Etalon–Derby, laser-indicator Z-Mike
Nicon Profileprojector
Mitutoyo Crystal Apex C, Mitutoyo C 544, LMG ABBE 01-200 C, Universal-LMG ULM 01-600 C. Zeiss
SPC measuring places
DKD accredited testing laboratory
Surf-Test 301
CNC measuring machine LK G80C 1500x1000x800
Brown & Sharpe PFx800x700x600

GEAR TOOTH FORMING
Koepfer 180 and MZ 120, MODUL
MIKRON A22; Mikron WAHLI, Pfauter
Cooper P254/E with automatic charging and Siemens-control 810 D