

Number	Processing
	2 Peripheral
	1 Peripheral
	1 Peripheral
	1 Peripheral
	1 Milling and drilling
	1 Milling and drilling
	1 Milling and drilling
	1 Milling
	1 Milling and drilling
	1 Milling and drilling
	1 Milling and drilling
	1 Milling and drilling
	2 Milling and drilling
	1 Milling and drilling
	1 Milling and drilling
	3 Milling and drilling
	1 Milling and drilling
	1 Milling and drilling
	1 Gundrilling
	1 Gundrilling
	1 Lathe
	1 Milling and drilling
	1 Lathe
	1 Grinding
	1 Grinding
	1 EDM
	1 EDM
	1 EDM
	1 EDM
	1 EDM
	1 EDM
	1 EDM
	4 Measurement devices
	1 Measurement devices
	1 Measurement devices
	1 Measurement devices
31	CAD - Software
	2 CAD - Software
	1 CAD - Software
	1 CAD - Software
	4 CAD - Software
15	CAM - Software
	2 CAM - Software
	Date Exchange

Date Exchange

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Date Exchange

1 Try-Out

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Type

Laser welding system AL200 (manual driving) and ALM200 (manual driving + joy stick), with arc laser, for tool
Laser marking machine TruMark Station 5000, producer: Trumpf, Controlling: XP Prof. SP3, automatic
1:1 car paint plant, producer: Wolf, air-conditioned incl. place for preparation filling, work place: 8*4 m
infrared oven, producer: Krelus AG, temperature range up to 300 °C, 9 single modules (complete field:
Droop & Rein FPV 2500, portal milling machine
FPT Area, horizontal milling machine, load weight rotary table 50 t
Parpas XS63, HSC-portal milling machine
FPT Spirit 140, horizontal milling machine, load weight rotary table 50 t
Parpas Gantry XS, HSC-5-axes-CNC-milling machine
Fooke 711 Endura
Fooke 711 Endura
DMF260/7 HSC-5-axes-CNC- milling machine
DMU 200 P HSC-5-axes-CNC- milling machine
DMU 160 P HSC-5-axes-CNC- milling machine
DMC 125 U HSC-5-axes duo block with pallet storage 6-fold
Hermle C50 HSC-5-axes-CNC- milling machine
Hermle C30 HSC-5-axes-CNC- milling machine with pallet storage 7-fold
DMU 40eVo HSC-5-axes-CNC- milling machine with pallet storage 10-fold
IMSA MF 2000 BB gundrilling machine
Buck TBFZ 6000 gundrilling machine
Lathe NEF 400 with 12 fold disc revolver
SHW powerspeed 3000C
Lathe Weiler E50
ELB grinding machine
ELB grinding machine

OPS Ingersoll Gantry 1500

OPS Ingersoll Gantry 1400

OPS Ingersoll Eagle 1200

OPS Ingersoll Gantry 500 with pallet storage 8-fold

DEM SodickAG600L wire-cut EDM
OPS 550 Speed Hawk with automats
OPS 550 with automats
3D Wenzel Duplex-ground measuring machine CNC with Polyworks Software
hexagon measurement arm with Polyworks Software (tactical and scanner)
Optical measurement GOM (Atos Trible Scan) with photogrammetry
3D portal measuring machine Zeiss Prismo 10 HTG Fast with Polyworks and Calypso Software
Catia V5 working places (design)
Cad mould simulation
Catia V 5 ISX
Siemens NX FEM
Siemens NX
Tebis
Work NC
ISDN/ODETTE OFTP2

FTP

KVS connect

Siebenwurst Data Secure Space

Hydraulic die spotting press, TP Reis TUS300 (4000kN)

Hydraulic die spotting press, TP Reis TUS160 (2000kN)

Hydraulic die spotting press, TP Millutensil MIL 203 (1500kN)

Engel 4000 DUO Injection moulding machine, linear handling robot; swept volume max. 19520 cm³

Krauss Maffei Injection moulding machine, KUKA 6-axes robot; swept volume max. 5195 cm³ (23.000 kN)

DEMAG Titan Injection moulding machine, linear handling robot; swept volume max. 3899 cm³ (11.000kN)

5AX yes / no	Controlling	Travers ranges (mm)
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yes	Siemens 840 D SL	7750*3700*1500
yes	Siemens 840 D PL	6000*3500*1500
yes	Siemens 840 D SL	6000*3000*1500
no	Siemens 840 D SL	4000*4000*1250
yes	Siemens 840 D SL	4000*2700*1500
yes	Heidenhain ITNC 530	3000*2200*1500
yes	Heidenhain ITNC 530	3000*2200*1500
yes	Siemens 840 D SL Operate	2600*700*700
yes	Siemens 840 D	1800*2000*1100
yes	Heidenhain TNC 530	1600*1250*1000
yes	Heidenhain TNC 530	1250*1000*1000
yes	Siemens 840 D PL	1000*1100*700
yes	Siemens 840 D PL	650*600*500
yes	Siemens 840 D PL	400*400*375
yes	Selka D	3200*1500*500
yes	Siemens 840 D	6000*1200*1500
yes	Siemens 840 D	355*255*800
yes	Siemens 840 DSL	4000*2600*1500
no	Weiler E50	570*340*1000
no	ELB	1400*700*500
no	ELB	1000*400*300
		1050*2050*1000
	Mitsubishi	Table 1520*2520*945
		1250*2350*700
	Andronic 3060	Table 1510*2590*870
		1000*1510*700
	Andronic 2060	Table 1140*1640*680
		525*400*450
	Mitsubishi	Table 770*640*440
		600*380*350
	Sodick	Table 840*590
	Andronic 3060	550*400*400
	Andronic 2060	550*400*400
		7000*1600*2100
		moveable measuring field: 700 / 320
		1200*1800*1000

Speed (rpm)	Feed (mm/min)	Power (kW)
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	4	6	50
	5	25	46
5.000/20.000		40	40
	5	25	65
5.000/20.000		40	40
	24	60	34
	24	60	34
	20	40	35
6.000/30.000		15	40
	18	15	28
	18	15	19
	18	50	39
	18	45	15
	18	50	25
	4,2	8	30
	6	15	15
	4,5		8
	6	30000	37
	2,5		17