

<b>Spur gears / cylindric gears</b>			<b>Gear cutting technology</b>		<b>Bevel gears</b>	
<b>Spot face milling</b> straight / helical	Liebherr Modul Köpfer Pfauter Richardon Richardon EMAG Richardon	LC 400 ZFWZ 03 CNC 173 B RS 00 R 300 CNC R 500 CNC R 300 CNC	<b>Spot face milling</b> Spiral-Hypoid-Zerol	Gleason Gleason Gleason Hurth-Modul Hurth-Modul Hurth-Modul	102 122 122 S 500 B KF 250 B KF 250 HSC	
			straight	Gleason Gleason	104 104	
<b>Spot face shaping</b> straight / helical	2x GleasonPfauter 2x Liebherr 1x Lorenz 4x Lorenz	PSA 300 / GP 300 ES 120 /LS 180 F LS 180 CNC SJ 71 -2x SJV00 -SN 4	<b>Planing</b> straight / helical	Heidenreich & Harbeck	2x HS 26 1x 60HG3 1x 60HS	
<b>Tooth flank shaving</b> straight / helical	Hurth	ZSA 320	<b>Laping</b>	Gleason	Nr. 19	
<b>Tooth flank grinding</b> straight / helical	Gleason-Pfauter Gleason Reishauer	P600 / 800 GX 260 RZS				
<b>Other gear technologies</b>						
<b>Milling</b> Splineshafts	Hurth	KF 32	<b>Broaching</b>	Elbe Klink	RWH 15 RISZ	
<b>Turning / Grinding / Milling / Drilling / Broaching / Honing / Laping / Harden etc.</b>						
<b>Turning</b> (green)	4x Traub Index Wagner Ex-Cell-O Spinner 2x Traub Weiler	TNA 400, 500, 600, 600 GU 1400 WDR 255 DLZ 630 TC600 52MCY TNC 65 DA 260	<b>Grinding outside diameter</b>	Kellenberger Schaudt Studer	Kel-Vista R175/1000 PSA 1000 CNC S36	
			<b>Grinding inside diam.</b>	Voumard	6A	
			<b>Grinding universal</b>	Kellenberger Voumard	Kel-Varia URS225/1500 1000	
<b>Turning</b> (hard)	3 x Monforts	RNC 3 / RNC 5 RNC 400	<b>Grinding flat</b>	Geibel & Hotz	FS 640 SD	
			<b>Shaping</b>	Ravensburg	St SR 400	
<b>Milling / Drilling</b>	Hedelius Kunzmann Maho 3x Quaser	T6 Magnum WF 610 MC MH 700 MF 400 C / MV 184P	<b>Heat treatment</b>	Case harden, Carburize, Tenifer treatment, Gasnitride, Inductive harden, u.ä.		
<b>Wire EDM</b>	GF AgieCharmilles	CUT E 600	<b>Marking-Label</b>	TFT - Markinglasers LSM700		
<b>Honing / Laping</b>	Nagel Rösler Rausch Rump	HHM 40 R 420 EC Gratomat 300H hanging rail system Basis Capsor 8	<b>Straightening</b>	Dunkes	HR25	
<b>Shine</b>			<b>Various Machinery</b>	Saw - Daiß & Partner ø320 Clean - Dürr Glassbeadblasting-Oti Oberflächentechnik usw.		
<b>Testing / Controlling</b>						
<b>Spur gears / cylindric gears</b>			<b>Bevel gears</b>			
<b>Testing / QS</b>	2x Mahr / Gleason  Mahr Mahr	Primar GMX 600 Profil - Flankenlinie - Teilung - Rundlauf Scope 600 MMQ	<b>Testing / QS</b>	2 x Gleason 2 x Gleason 5 x Ilmberger 2x Mahr / Gleason	6 13 / 17A KRT Primar GMX 600 Profil - Flankenlinie - Teilung - Rundlauf	
			Cylindric - Bevel internal and external gears			
<b>Material</b>			<b>Other testing</b>			
	Spektralanalyse Spectrocheck		3-D Measurement	Mitutoyo	Crysta Apex S 776	
	Metallographische Schlibfbilder		Profile / Kontur	MarSurf CD120	MarWin XC2	
	Surfaces - Crack testing Met-L-Check (Farbeindringing-Verfahren)		Lenght	Mahr	Digimar 816 CL	
	Hardness test Brinell / Rockwell / Vickers, (Ernst / div. Wolpert / Zwick)		Roughness depth	MarSurf GD25	Perthometer S2	
			Measuring equipment	Mahr	Ulm Topas 520	