

MIT INNOVATIVEM  
SPRITZGUSS AUF DIE

# POLE POSITION

## Machinery



Injection molding



Tool shop



## Production of Injection molding Molding future

- Injection molding machines in between 15 - 220 Mp
- Component weight 0,1 – 450 gr
- More than 300 different materials (all common thermoplast, high filled glass fibre reinforced technical thermoplast, elastomers, technical ceramics (Al<sub>2</sub>O<sub>3</sub>; ZrO<sub>2</sub>)
- Fully automated manufacturing islands
- Highly integrated PPS-System in connection with BDE.

Brand	Modell	Holding pressure in KN	tie bar gap in mm	Option Ceramic
ARBURG	220 S 250 - 60	250	220 x 220	
ARBURG	220 S 250 - 60	250	220 x 220	
ARBURG	270 S 250 - 60	250	270 x 270	●
ARBURG	270 S 250 - 60	250	270 x 270	●
ARBURG	220 M-350-90	350	220 x 220	●
ARBURG	270 C 400 - 100	400	270 x 270	
ARBURG	270 C 400 - 100	400	270 x 270	
ARBURG	270 M-500-90	500	270 x 270	●
ARBURG	320 C 500 - 100	500	320 x 320	●
ARBURG	320 C 500 - 100	500	320 x 320	
ARBURG	320 C 500 - 170	500	320 x 320	●
ARBURG	320 C 500 - 170	500	320 x 320	●
ARBURG	320 C – 500-100	500	320 x 320	
ARBURG	320 C – 500-100	500	320 x 320	
ENGEL	Victory 200 / 80	800	Holmlos	
ARBURG	320 M-850-210	850	320 x 320	
ARBURG	320 M-850-210	850	320 x 320	
ARBURG	320 M-850-210	850	320 x 320	
ARBURG	320 M-850-210	850	320 x 320	
ARBURG	320 M-850-210	850	320 x 320	





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Brand	Modell	Holding pressure in KN	tie bar gap in mm	Option Ceramic
ARBURG	320 M-850-210 2K	850	320 x 320	
ARBURG	370 C-1000-370	1000	370 x 370	
ARBURG	420 C-1100-350	1100	420 x 420	●
FERROMATIK	K-Tec 110	1100	470 x 470	
ENGEL	Victory 330/120	1200	Holmlos	
ENGEL	Victory 330/120	1200	Holmlos	
ENGEL	Victory 330/120	1200	Holmlos	
ENGEL	Victory 330/120	1200	Holmlos	
ENGEL	Victory 330/120	1200	Holmlos	
ENGEL	Victory 330/120	1200	Holmlos	
ENGEL	Victory 330/120	1200	Holmlos	
ARBURG	420 C 1300 - 350	1300	420 x 420	●
ARBURG	420 C 1300 - 350	1300	420 x 420	
ARBURG	420 C 1300 - 350	1300	420 x 420	
ARBURG	520 M-1600-625	1600	520 x 520	
ARBURG	520 M-1600-625	1600	520 x 520	
ENGEL	Victory 500 / 160	1600	Holmlos	
ARBURG	570 C-2000-675	2200	570 x 570	





## Tool shop + Mold service

- No of employees 15 + 4 trainees
- CAD / CAM – highly integrated project management (3D / Cimatron )  
(Construction, milling programmes, electrode creation)
- Data transmission stp, IGES, DXF, VDA, STL
- Mold sizes up to 800 x 1000 or 1.000 kg

### Spectrum

- Precise Injection molds, 2K-Molds, Multy cavities; CIM- and MIM-molds
- Mold-Service (service, maintenance, repair and overhaul)

Brand	Kind of	travel X-Y-Z	Max. diameter / max. length	Max. clamping dimension
MIKRON UM 710	Milling machine	710 x 630 x 500		
HERMLE C 600 V	Milling machine	600 x 450 x 450		
HERMLE C 400 Basic	5-Axis machining centre	850 x 700 x 500		
EXERON HSC 300	High speed milling machine	515 x 340 x 355		
EXERON EDM 312	Vertical eroding machine	450 x 300 x 300		
EXERON EDM 313	Vertical eroding machine	620 x 420 x 400		
GF Cut P 550	Cut eroding machine	550 x 400 x 350		
CHARMILLES 2200 Si	Cut eroding machine	320 x 220 x 116		
CHARMILLES s Drill 11	Starting hole drill machine	300 x 200 x 300		
WEILER	Turning machine		320 / 650	
MARTIN	Turning machine		400 / 1120	
ELB	Flat grinding machine	500 x 300 x 375		
ELB	Flat grinding machine	600 x 375 x 375		
KARSTENS	Round grinding machine		300 / 650	
ZEISS Contura G2	3D coordinate measuring machine	700 x 700 x 600		
FISA	Ultrasound cleaning system			760 x 550 x 350

