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Technical facilities in administration, QM and manufacturing

Administration:

- Production planning software BIOS 2000 Geovision
- Electronic document archive / drawing management system
- Security archive for confidential documents

Production:

CNC programming:

- CAD / CAM Mastercam, 1 programming station 2 ½ D and 3 programming stations 3D
- Collision simulation and monitoring software 5-axis VERICUT
- 3D CAD Software SolidWorks Professional

- 1 x 5-axis machining center HERMLE C40 X850 Y700 Z500
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- 1 x 5-axis machining center HERMLE C42 X800 Y800 Z550
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- 1 x 5-axis machining center HERMLE C42 X800 Y800 Z550
- 1 x 5-axis machining center HERMLE C30 X650 Y600 Z500
- 1 x 5-axis machining center HERMLE C30 X650 Y600 Z500
- 1 x 4-axis machining center Haas VM3-HE X1000 Y650 Z600
- 1 x 4-axis machining center Haas VM3-HE X1000 Y650 Z600
- 1 x 4-axis machining center Haas VM3-HE X1000 Y650 Z600
- 1 x 4-axis machining center Haas VM3-HE X1000 Y650 Z600
- 1 x 4-axis machining center MIKRON VCE 1250 X1250 Y500 Z500
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- 2 x Column drilling machine ALZMETALL MK3
- 1 x Conventional milling machine DECKEL FP1 with digital position display
- 1 x Conventional milling machine DECKEL FP2 with digital position display
- 2 x Guiding and tensioning spindle bench 160 diameter., 800 mm top range
- 1 x Band saw THOMAS cutting width max. 350 mm
- 1 x Labeling laser BAUBLYS BL 65i, laser type YAG/65 watt, CNC controlled positioning table X600 Y220, Labeling field: max. 110x110 mm
CNC / CAM programming, max. part size: 660 x 300 x 340, Labeling of all common materials
- 2 x Beam cabin AUER, for glass beads and corundum. Working space: each 800x600x500



- 1 x shrinking tool KELCH i-tec XL
- 1 x CNC tool presetting device Zoller Venturion 450 pilot 3.0
- 1 x Tool presetting device PWP Swiss Toolmaster 250
- 1 x tempered assembly hall 200 qm, with various small appliances
- 1 x tempered assembly hall, 1500 qm

Technical facilities in administration, QM and manufacturing

Quality management:

- 1 x air-conditioned measuring room:
- 1 x 3D CNC coordinate measuring machine ZEISS PRISMO (Accura) X900 Y1500 Z700 with active scanning sensor VAST XT
- 1 x roughness measuring device MITUTOYO surf test 301
- 1 x roundness measuring instrument MITUTOYO round test RA-100
- 1 x Measuring column TESA 150 mm
- 1 x Measuring column TESA 600 mm
- 1 x Optical microscope VISION Mantis Zoom 4-20 times
- 1 x endoscope SCHÖLLY FlexiLux 4000 LED