

| ID                        | Name                   | Type                            | Capacity<br>All values in [mm] if not otherwise specified  |
|---------------------------|------------------------|---------------------------------|--|
| <b>Lathes</b>             |                        |                                 |  |
| 28                        | Doosan Puma 3100LY     | Lathe - C and Y axis            | Ø430 x 1280<br>C + Y axis 130 mm, Ø102 spindle bore  |
| 16                        | Doosan Puma 300 LM     | Lathe - C axis                  | Ø260 x 1180<br>C axis, Ø77 spindle bore  |
| 21                        | Okuma LB3000 EX        | Lathe - C axis                  | Ø200 x 1000<br>C axis, Ø52 spindle bore  |
| <b>Milling machines</b>   |                        |                                 |  |
| 31                        | Quaser MV154-E         | Milling - 3 axis, vertical      | 700 x 530 x 560  |
| 27                        | Quaser MV184           | Milling - 3 axis, vertical      | 1020 x 610 x 610   |
| 30                        | DMG-Mori CMX800V       | Milling - 3 axis, vertical      | 800 x 560 x 510  |
| 29                        | DMG-Mori-DMF180        | Milling - 5 axis, B-C           | 1800 x 700 x 700<br>C-axis nx360, B-axis +/-100deg   |
| 26                        | Quaser MF500           | Milling - 5 axis, A-C, vertical | 550 x 630 x 610  |
| 32                        | Quaser MF400           | Milling - 5 axis, A-C, vertical | 410 x 610 x 610  |
| <b>Measuring machines</b> |                        |                                 |  |
| 020                       | DEA Global Performance | CMM, measuring machine          | 700 x 1000 x 500 DCC<br>ISO 10360-2 E = 1.7+L/333 (µm) R=1.9 (µm)  |
| <b>Marking</b>            |                        |                                 |  |
| 000                       | EPILOG-Laser           | Marking, laser                  | 610 x 457 engraving area, 216 mm depth<br>597 x 432 engraving area, 279 mm depth / 200 mm cylindrical object<br>Cutting soft materials, thickness up to 9.5 mm |
| 000                       | SIC-Marking            | Marking, emboss                 | 60 x 25 engraving area<br>Portable, column-mounted and rotary axis / cylindrical object  |
| <b>Sawing and cutting</b> |                        |                                 |  |
| 22                        | DoAll                  | Saw, cutter, automatic          | Ø300   |
| 11                        | Startrite H250M        | Saw, cutter                     | Ø250 / B=500 H=260   |
| 23                        | Full Mark              | Saw, vertical, cut and profile  | B=1000 H=330   |
| <b>Manual lathes</b>      |                        |                                 |  |
| 24                        | Shublin                | Lathe, manual                   | Ø130 x 600 (Ø240 over flat bed), Ø20 spindle bore<br>Collet system Ø2-25 (Ø19 through bore)  |
| 10                        | SWING 600              | Lathe, manual, digital          | Ø360 x 1700 (Ø600 over flat bed), Ø102 spindle bore  |