



## Machine list

### Milling Centre

| Count | Description  | Dimension   | Measure   |
|-------|--|---|---|
| 1     | <b>Tebas 5000</b><br>Heidenhain Control iTNC530<br>Magazine with 2 milling heads<br>1x Direct output<br>1x 45° Universal milling head (3+2 Axes) | X-axis<br>Y-axis<br>Z-axis<br>Clamping surface length<br>Clamping surface width<br>Work piece max. load | 5,000 mm<br>3,750 mm<br>1,250 mm<br>5,200 mm<br>2,200 mm<br>20,000 kg |
| 1     | <b>Arion 3000</b><br>Heidenhain Control iTNC530<br>Magazine with 2 milling heads<br>1x Direct output<br>1x 30° Universal milling head (3+2 Axes) | X-axis<br>Y-axis<br>Z-axis<br>Clamping surface length<br>Clamping surface width<br>Work piece max. load | 3,000 mm<br>3,100 mm<br>1,100 mm<br>3,000 mm<br>2,000 mm<br>10,000 kg |
| 1     | <b>Trimill VU10</b><br>Heidenhain control iTNC 530<br>B-axis 0-90° swivelling (spindle)<br>C-axis 360° revolving (table)<br>5-Axis processing    | X-axis<br>Y-axis<br>Z-axis<br>Clamping surface length<br>Clamping surface width<br>Work piece max. load | 1,800 mm<br>1,000 mm<br>850 mm<br>1,600 mm<br>1,600 mm<br>13,000 kg   |
| 1     | <b>PosMill Typ E 1100</b><br>Heidenhain control iTNC 530   | X-axis<br>Y-axis<br>Z-axis<br>Clamping surface length<br>Clamping surface width<br>Work piece max. load | 1,100 mm<br>600 mm<br>510 mm<br>1,050 mm<br>600 mm<br>800 kg          |

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IBAN: DE81 6305 0000 0021 0796 18  
BIC: SOLADES1ULM

Sparkasse Leipzig:  
IBAN: DE98 8605 5592 1100 9259 41  
BIC: WELADE8LXXX



| Count | Description   | Dimension  | Measure  |
|-------|---|--|--|
| 1     | <b>Hermle C 600 V</b><br>Heidenhain control TNC 530                       | X-axis<br>Y-axis<br>Z-axis<br>Clamping surface length<br>Clamping surface width<br>Work piece max. load                                | 600 mm<br>450 mm<br>450 mm<br>800 mm<br>465 mm<br>1,000 kg                               |
| 1     | <b>Posmill H800 U</b><br>Heidenhain control iTNC 530<br>5-Axis processing | X-axis<br>Y-axis<br>Z-axis<br>Distance spindle/table<br>Swivelling range<br>Round table<br>Clamping surface D=<br>Work piece max. load | 670 mm<br>820 mm<br>600 mm<br>120 – 720 mm<br>±120°<br>360° endlos<br>800 mm<br>1,200 kg |
| 1     | <b>DMC 75/105 V linear</b><br>Heidenhain control iTNC 530                 | X-axis<br>Y-axis<br>Z-axis<br>Clamping surface length<br>Clamping surface width<br>Work piece max. load                                | 750 mm<br>600 mm<br>560 mm<br>950 mm<br>650 mm<br>1,000 kg                               |

## Lathes

| Count | Description   | Dimension  | Measure  |
|-------|---|--|--|
| 1     | <b>CNC Lathe „Style 350“</b><br>STYLE control<br>Interface: DXF | X-axis (above bed)<br>(Above support)<br>(Outer span)<br>(Inner span)<br>(Chuck bore)<br>(Spindle bore)<br>Z-axis (centre distance)<br>(Quill hub) | D = 350 mm<br>D = 190 mm<br>D = 200 x 100 mm<br>D = 200 x 100 mm<br>D = 50 x 135 mm<br>D = 40 mm<br>850 mm<br>110 mm |

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## Wire EDM machines

| Count | Description  | Dimension  | Measure  |
|-------|--|--|--|
| 2     | <b>AGIECUT Progress 2</b><br>STYLE control<br>Interface: DXF                                 | X-axis<br>Y-axis<br>Z-axis<br>Work piece length<br>Work piece width<br>Work piece height<br>Work piece max. load | 350 mm<br>250 mm<br>256 mm<br>750 mm<br>550 mm<br>250 mm<br>200 kg       |
| 1     | <b>AGIECUT 350 HSS</b><br>Track-axis control AGIESOFT JP 370 HSS,<br>programming Camtek PEPS | X-axis<br>Y-axis<br>Z-axis<br>Work piece length<br>Work piece width<br>Work piece height<br>Work piece max. load | 700 mm<br>400 mm<br>406 mm<br>1,300 mm<br>1,100 mm<br>400 mm<br>2,000 kg |

## Die-sinking EDM machines

| Count | Description  | Dimension  | Measure  |
|-------|--|--|--|
| 1     | <b>CNC die-sinking EDM machines</b><br><b>„AGIETRON 4 U“</b><br>Track-axis control AGIEMATIK,<br>Interface RS 232,<br>Programming ISOTRON II | X-axis<br>Y-axis<br>Z-axis<br>Work piece length<br>Work piece width<br>Work piece height<br>Work piece max. load | 600 mm<br>500 mm<br>600 mm<br>1,200 mm<br>800 mm<br>500 mm<br>2,000 kg |



## Surface grinders

| Count | Description                     | Dimension  | Measure                                  |
|-------|---------------------------------|--|--|
| 1     | <b>Orion</b>                    | X-axis<br>Y-axis<br>Z-axis<br>Work piece max. load | 1,250 mm<br>500 mm<br>500 mm<br>1,600 kg |
| 1     | <b>Geibel &amp; Hotz FS 100</b> | X-axis<br>Y-axis<br>Z-axis<br>Work piece max. load | 1,000 mm<br>500 mm<br>300 mm<br>1,000 kg |
| 1     | <b>Geibel &amp; Hotz FS 60</b>  | X-axis<br>Y-axis<br>Z-axis<br>Work piece max. load | 600 mm<br>400 mm<br>280 mm<br>600 kg     |
| 1     | <b>aba Ecoline 1006</b>         | X-axis<br>Y-axis<br>Z-axis<br>Work piece max. load | 1,000 mm<br>700 mm<br>600 mm<br>1,000 kg |

## Metrologic machines

### Tactile

| Count | Description  | Dimension  | Measure  |
|-------|--|--|--|
| 1     | <b>Stiefelmayer (CNC)</b><br><br>Software: Metrolog X4<br>Interfaces: CATIA, VDA, IGES, VDA-FS | X-axis table<br>Y-axis table<br>Travel length<br>Travel width<br>Travel height<br>Work piece max. load | 3,500 mm<br>1,550 mm<br>3,000 mm<br>1,200 mm<br>1,400 mm<br>3,000 kg |

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## Optical

| Count | Description   | Dimension   | Measure  |
|-------|---|---|--|
| 1     | <p><b>ZEISS COMET L3D2 5M</b></p> <p>With round table COMET Rotary 100/400 (∅ 400 mm, max. weight 100 kg)</p> <p>Software: colin3D,<br/>INSPECTplus<br/>ZEISS Reverse Engineering</p> <p>Interfaces: CATIA, NX, IGES, STEP, VDA-FS</p> <p>- Mobile tripod</p> | <p>Resolution</p> <p>Volume measured:<br/>Measuring field 100<br/>Measuring field 250<br/>Measuring field 500</p> | <p>2,448 x 2,050</p> <p>[mm<sup>3</sup>]<br/>118 x 98 x 60<br/>255 x 211 x 140<br/>481 x 404 x 250</p> |

## Presses

| Count | Description                          | Dimension   | Measure  |
|-------|--------------------------------------|---|--|
| 1     | <b>Highspeed-Tryout-Press 1600 t</b> | <p>Table length<br/>Table width<br/>Installed height<br/>Press strength<br/>Cutting impact absorber<br/>3 die cushions in the table<br/>1 die cushions in the stamp</p> | <p>4,500 mm<br/>2,500 mm<br/>450 – 2,000 mm<br/>1,600 t<br/>800 t<br/>3x 120 t<br/>300 t</p> |

## CAD / CAM

| Count | Description       | Count | Description                               |
|-------|-------------------|-------|---|
| 5     | <b>Catia V5</b>   | 1     | <b>Peps</b>                               |
| 2     | <b>Siemens NX</b> | 1     | <b>Metrolog</b>                           |
| 1     | <b>WorkNC</b>     |       | <b>Interfaces: VDAFS, STEP, IGES, DXF</b> |
| 5     | <b>Featurecam</b> |       | <b>Data transfer: FTP</b>                 |