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**MACHINELIST**

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| **SURFACE- & PROFILEGRINDIN** | **MACHINE** | **TYPE** | **CAPACITY (MM)** | **ADDITIONAL INFORMATION** |
|  |  |  |  |  |
| Surface & Profilegrinding | Danobat | SGD 80/30/15 CNC | 8000 x 3000 x 1500 | Max. 30.000 kg / Incl. Universal grinding head |
| Surface & Profilegrinding | Waldrich Coburg | 30-15SPS CNC | 7000 x 1750 x 1500 | Incl. Universal grinding head |
| Surface & Profilegrinding | WMW-Heckert | Aschersleben | 3000 x 1500 x 1000 | Incl. uni-spindle |
| Surface & Profilegrinding | Danobat | RTM 6000 CNC | 6.000 x 750 x 650 | Concave and Convex |
| Surface & Profilegrinding | Danobat | RTL 2000 CNC | 2000 x 750 x 650 | Concave and Convex |
| Surface & Profilegrinding | Okamoto | 125 EX CNC | 1200 x 500 x 500 |  |
| Surface & Profilegrinding | Okamoto | PRG8 CNC | Ø 900 x 250 | Circular table machine |
| Surface & Profilegrinding | Okamoto | ACC358 CNC | 3500 x 1000 x 600 |  |
| Surface & Profilegrinding | Okamoto | ACC208 CNC | 2000 x 1000 x 600 |  |
| Surface grinding | Kehren | Ri 8-4 | Ø 1200 x 700 mm | Surface grinding, internal and external cylindrical grinding |
| Surface & Profilegrinding | Jung | JF525 CNC | 500 x 200 x 300 | 2 units |
| Surface & Profilegrinding | Blohm | Planomat CNC | 1200 x 600 x 550 |  |
| Surface & Profilegrinding | Proth | PSGP-1022AHR | 2200 x 1000 x 500 |  |
|  |  |  |  |  |
| Disc grinding | Reform | AR60 type 19 CNC | 6000 x 1350 x 550 | 220 kW segment grinding |
| Disc grinding | Reform | AR41 type 19 CNC | 4100 x 1350 x 550 | 300 kW segment grinding |
| Disc grinding | Camut | V2-44C | 4000 x 850 x 750 | 80 kW segment grinding |
| Disc grinding | Göckel | G50, GB65 | 5500 x 150 x 150 | 3 pieces / Tiltable magnet |
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| Pressing | Sahinler | Portalpress DK-S/400 ton | 4000 x 2500 x 600 | 400 ton |

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| **CYLINDRICAL GRINDING** | **MACHINE** | **TYPE** | **CAPACITY (MM)** | **EXTRA INFORMATION** |
|  |  |  |  |  |
| Verticaal slijpen | Kehren | Ri 12-4 | Ø 1500 x 950 | Surface grinding, in,- and externally cylindrical grinding,  coördinates grinding and hard-turning |
| Vertical grinding | Kehren | Ri 8-4 | Ø 1200 x 700 | Surface grinding, in,- and externally cylindrical grinding,  coördinates grinding and hard-turning |
| Cylindrical grinding | Danobat | G91-S CNC | Ø 1000 x 4000 | Max. 5.000 kg |
| Cylindrical grinding | AMC-Schou | R3000 | Ø 670 x 3000 |  |
| Cylindrical grinding | WMW-Heckert | SA6 x 1500 | Ø 550 x 1500 |  |
| Cylindrical grinding | Kellenberger | 1500-U/R | Ø 350 x 1500 |  |
| Cylindrical grinding | Studer | S40 CNC | Ø 350 x 1000 | With C-Axis |
| Cylindrical grinding | Studer | S30 Leanpro CNC | Ø 350 x 1000 | With B-Axis |
| Cylindrical grinding | Göckel | R5 + R6 |  | special cylindrical knifegrinders |
| Cylindrical grinding | Fermat | BUB E50/2000 CNC | Ø 500 x 2000 |  |
|  |  |  |  |  |
| Internal cylindrical grinding | Berthiez | VGM-1600 CNC | Ø 2000 x 1300 | ID and OD Grinding |
|  |  |  |  |  |
| Centerless grinding | Cincinatti | No.2 | Ø 2 - Ø 75 |  |
| Centerless grinding | Herminghausen | SRII | Ø 1 - Ø 50 |  |

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| **MILLING** | **MACHINE** | **TYPE** | **CAPACITY (MM)** | **EXTRA INFORMATION** |
|  |  |  |  |  |
| Milling | PAMA | Vertiram 2000 | 14000 x 4600 x 2850 | 5-axis, simultaneous |
| Milling | Unisign | Uniport 6000 | 16000 x 4000 x 1300 | Aut. 2-axis Swivel head (max. 50.000 kg) |
| Milling | Unisign | Uniport 6000 | 8000 x 3500 x 1300 | 5-axis, indexed per 2.5 degrees |
| Milling | Unisign | Uniport 6000 | 8000 x 3500 x 1550 | 5-axis, indexed per 2.5 degrees |
| Milling | Unisign | Uniport 6000 | 8000 x 2500 x 1300 | 5-axis, indexed per 2.5 degrees |
| Milling | Unisign | Uniport 4000 | 6000 x 1500 x 400 | 3-axis |
| Milling | Matec | 40-P | 16000 x 3500 1500 | 5-axis, simultaneous |
| Milling | Matec | 50HVU | 6000 x 1400 x 1800 | 6-axis, simultaneous, circular table Ø2.200mm |
| Milling | Matec | 40-HV | 8000 x 1000 x 1100 | 4-axis, simultaneous |
| Milling | Matec | 30-HV | 3000 x 800 x 700 | 5-axis, indexed per 1 degree, circular table Ø700mm |
| Milling | Matec | 30-HV | 3000 x 800 x 1000 | 5-axis, simultaneous |
| Milling | Hedelius | Tilenta 10 | 3600 x 1000 x 1000 | 5-axis, simultaneous, circular table Ø1,000mm |
| Milling | Hartford | VMC 1270 | 1270 x 635 x 635 | 3-axis |
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| **MEASURING** | **MACHINE** | **TYPE** | **CAPACITY (MM)** | **EXTRA INFORMATION** |
|  |  |  |  |  |
| Measuring | Leitz | PMM-G 60.30.16 | 6000 x 3000 x 1600 | max measurement uncertainty 2,8µm + L/400 |
| Measuring | Leitz | PMM-C Ultra 24.16.7 | 2400 x 1600 x 700 | max measurement uncertainty 0.7µm + L/850 |
| Measuring | Mitutoyo | Crysta Apex 9206 | 2000 x 900 x 600 | max messunsicherheit 1,9µm + L/300 |
| Measuring | Mitutoyo | Crysta Apex 574 | 700 x 500 x 400 | max messunsicherheit 1,9µm + L/300 |

