

## M.+M. Mai GmbH MBF 453U



|                |                                     |
|----------------|-------------------------------------|
| Product code   | <b>92-000591</b>                    |
| Manufacturer   | <b>M.+M. Mai GmbH</b>               |
| Model          | <b>MBF 453U</b>                     |
| Type           | <b>Cylindrical grinding machine</b> |
| Condition      | <b>DEMO MACHINE</b>                 |
| Control        | <b>Fanuc Oi</b>                     |
| Year of manuf. | <b>2024</b>                         |

### Working area

|                         |           |
|-------------------------|-----------|
| Grinding length         | 400 mm    |
| Center height           | 200 mm    |
| Center width            | 430 mm    |
| Workpiece weight        | 100 kg    |
| Z-axis                  | 540 mm    |
| Z-axis input resolution | 0.0001 mm |
| Z-axis resolution       | 0.0001 mm |
| X-axis                  | 385 mm    |
| X-axis input resolution | 0.0001 mm |
| X-axis resolution       | 0.0001 mm |

### Grinding spindle

|                                 |        |
|---------------------------------|--------|
| Maximum grinding wheel diameter | 500 mm |
| Grinding wheel motor power      | 15 kW  |
| Peripheral speed                | 45 m/s |
| B-axis pitch                    | 1°     |

### Workpiece spindle

|                          |               |
|--------------------------|---------------|
| Speed                    | 1 - 800 1/min |
| Workpiece spindle holder | MK5           |
| Pivoting                 | +30° / -45°   |

### Tailstock

|                       |     |
|-----------------------|-----|
| Tailstock quill mount | MK3 |
|-----------------------|-----|

