THE FUTURE RIGHT NOW
PRECISION Lathes, Drilling- and Milling Machines
WABECO Precision Lathes

Lathe D2000

Lathe D2400

Lathe D4000

Lathe D6000

further information at www.wabeco-remscheid.de
WABECO Precision Lathes D2000 > D2400

- **Lead screw lathes** for metal processing
- **Optimal swarf waste**
- **Ingenius**
  - also ideally suited for wood processing
- **The classics** tried and tested for over 40 years
- **Silent running**
  - Extremely silent running due to modern electronically adjustable drive technology

**Steel cylindrical guideways**
- precise ground - made of highest quality steel
- high rigidity
- optimal swarf waste
- 10 years warranty on the guideways

**Standard equipment**
- 3-jaw lathe chuck Ø 100 mm
- Dead center MT2
- Main spindle bore Ø 20 mm
- Thread cutting prepared
  - with lead screw drive and change gear quadrant, automatic longitudinal feed rate 0.085 mm/rev

Special equipment
- Main spindle bore Ø 30 mm (item no. 10278)

**Accessories**
- Change gear set for thread cutting (item no. 10179)
  - for metric 0.25-6.0 mm and inch 10-36 TPI / threads and automatic longitudinal feed rate 0.16 mm/rev

**Main drive motor 230 V, 50/60 Hz**
- 1.4 kW, 30 - 2300 rpm

**Application**
- for hobby, model building, craft and workshop

**Warranty**
- 5 years warranty - the warranty does not cover parts subject to wear
- Availability of spare parts also guaranteed after warranty period

Further information at www.wabeco-remseheid.de
WABECO Precision Lathes D2000 > D2400

**Lathe D2000**

Item no. 10108V  2,399.00 € | 2,973.81 €

**Working range**
- 350 mm center distance
- 110 mm center height
- Workpiece diameter max. 220 mm

**Special edition with tool set**

Item no. 10110  2,439.00 € | 3,120.18 €

**Special edition**
- Carbide-tipped turning tool set 6 pieces 10x10 mm
- Knurling tool 12x12 mm
- Parting tool holder 10x10 mm with blade HSS
- Center drill set 4 pieces Ø 1.00 - 2.00 - 2.50 - 5.00 mm
- Quick-action drill chuck B16 1-13 mm with drill chuck arbor MT2

**Lathe D2400**

Item no. 10200V  2,499.00 € | 3,201.10 €

**Working range**
- 500 mm center distance
- 110 mm center height
- Workpiece diameter max. 220 mm

**Special edition with tool set**

Item no. 10210  2,539.00 € | 3,347.47 €

**Special edition**
- Carbide-tipped turning tool set 6 pieces 10x10 mm
- Knurling tool 12x12 mm
- Parting tool holder 10x10 mm with blade HSS
- Center drill set 4 pieces Ø 1.00 - 2.00 - 2.50 - 5.00 mm
- Quick-action drill chuck B16 1-13 mm with drill chuck arbor MT2
### Special equipment and accessories for WABECO Lathes D2000 > D2400

#### Main spindle bore Ø 30 mm
- for workpiece Ø up to 30 mm
- without morse taper
- cannot be retrofitted

<table>
<thead>
<tr>
<th>Special equipment</th>
<th>Item no. 10278</th>
<th>399.00 €</th>
<th>561.68 €</th>
</tr>
</thead>
</table>

#### Digital position readout (DRO) and 2 optical scales
- for exact positioning
  - included in delivery
  - Digital position readout (DRO) for 3 axes
  - 2 optical scales X- and Z-axis
  - Mounting kit and protective covers
  - factory installed

<table>
<thead>
<tr>
<th>Special equipment</th>
<th>Item no. 10126 for D2000</th>
<th>1430.00 €</th>
<th>2136.95 €</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Item no. 10226 for D2400</td>
<td>1470.00 €</td>
<td>2201.50 €</td>
</tr>
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</table>

#### Chip- and coolant tray
- Dimensions W560 x D170 x H10 mm
- Dimensions W700 x D170 x H10 mm

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Item no. 10174 for D2000</th>
<th>29.00 €</th>
<th>34.51 €</th>
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<tbody>
<tr>
<td></td>
<td>Item no. 10175 for D2400</td>
<td>30.00 €</td>
<td>35.70 €</td>
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</table>

#### Chip- and coolant tray with splash guard
- Dimensions W1060 x D464 x H500 mm

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Item no. 10156 for D2000</th>
<th>199.00 €</th>
<th>236.81 €</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Item no. 10256 for D2400</td>
<td>199.00 €</td>
<td>236.81 €</td>
</tr>
</tbody>
</table>

#### Coolant unit with splash guard
- Dimensions W1060 x D445 x H553 mm
- with feed pump 230 V, 50/60 Hz
- flexible hose with stop valve and nozzle
- Content coolant: 19 liter

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Item no. 10164 for D2000</th>
<th>495.00 €</th>
<th>624.75 €</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Item no. 10264 for D2400</td>
<td>495.00 €</td>
<td>624.75 €</td>
</tr>
</tbody>
</table>

#### Machine base cabinet
- Dimensions W1060 x D445 x H850 mm
- with 2 lockable doors and 2 shelves
- Weight without packaging 58 kg

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Item no. 10267</th>
<th>495.00 €</th>
<th>624.75 €</th>
</tr>
</thead>
</table>

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further information at www.wabeco-remarkscheid.de
### Special equipment and accessories for WABECO Lathes D2000 > D2400

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Accessories</th>
</tr>
</thead>
</table>
| **Milling attachment** | • for drilling and milling works  
• included in delivery  
• Milling attachment 130 x 100 mm, width of slots 12 mm  
• can be rotated infinitely by 360° and traversed in 3 axes  
• Clamping angle | Item no. 10270  
**159.00 €  **  
**189.21 €**  |
| **Fixed stay** | • for hollow turning and drilling longer workpieces  
• is fixed to the cylindrical guideways | Item no. 10170  
**135.00 €  **  
**148.75 €**  |
| **Live stay** | • to support long, thin shafts during longitudinal turning, prevents them from sagging  
• is fixed to the tool slide | Item no. 10172  
**119.00 €  **  
**130.90 €**  |
| **Hand steel rest** | • for wood turning  
• the lower part of the hand steel rest is clamped to the guiding bars of the lathe and can be placed close to the workpiece by adjusting as necessary | Item no. 10160  
**79.00 €  **  
**94.01 €**  |
| **Change gear set** | • 10 pieces  
• for metric 0.25-6.0 mm and inch 10-36 TPI threads  
• automatic longitudinal feed rate 0.16 mm/rev | Item no. 10179  
**119.00 €  **  
**136.85 €**  |
| **Tool set** | included in delivery  
• Quick-change tool post, main body size Aa (A0)  
• Boring steel holder and turning tool holder size Aa (A0)  
• Carbide-tipped turning tool set 10 x 10 mm, 6 pieces  
• Quick-action drill chuck 1-13 mm, inner taper B16  
• Drill chuck arbor MT2 and flat tang | Item no. 10997  
**170.00 €  **  
**391.51 €**  |
WABECO Precision Lathes D4000

- **Lead screw lathes** for metal processing

- **Silent running**
  Extremely silent running due to modern electronically adjustable drive technology

- **Prismatic cast iron bed**
  - made of diagonally ribbed gray cast iron
  - Inductively hardened and ground guideways

- **Standard equipment**
  - 3-jaw lathe chuck
  - Live center MT2
  - Main spindle bore Ø 20 mm
  - Thread cutting
    with lead screw drive and change gear quadrant
    tumbler gear for left- and right-hand threads
    change gear set for metric 0.25 - 7.0 mm and inch 10 - 40 TPI threads
    2 automatic longitudinal feed rates/lead screw drive 0.085 and 0.16 mm/rev

- **Working range**
  - 350 mm center distance
  - 100 mm center height
  - Workpiece diameter max. 200 mm

- **Main drive motor 230 V, 50/60 Hz**
  - 1.4 kW, 30 - 2300 rpm

- **Application**
  - for hobby, model building, craft and workshop

- **Warranty**
  - 5 years warranty - the warranty does not cover parts subject to wear
  - Availability of spare parts also guaranteed after warranty period

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Further information at www.wabeco-remseheide.de
WABECO Precision Lathes D4000

Lathes D4000

Item no. 10400V
3-jaw lathe chuck
ø 100 mm
2,899.00 € | 3,564.95 €

Item no. 10401V
3-jaw lathe chuck
ø 125 mm
2,999.00 € | 3,683.95 €

Special edition with tool set

Item no. 10410
3-jaw lathe chuck
ø 100 mm
2,939.00 € | 3,710.42 €

Special edition
- Carbide-tipped turning tool set 6 pieces 10x10 mm
- Knurling tool 12x12 mm
- Parting tool holder 10x10 mm with blade HSS
- Center drill set 4 pieces Ø 1.00 - 2.00 - 2.50 - 5.00 mm
- Quick-action drill chuck B16 1-13 mm with drill chuck arbor MT2

Special edition with quick-change tool post

Item no. 10406
3-jaw lathe chuck
ø 100 mm
2,999.00 € | 3,811.57 €

Special edition
- Quick-change tool post main body, size Aa (A0)
- Turning tool holder, size Aa (A0)

Special edition with mountable digital vernier scales

Item no. 10404
3-jaw lathe chuck
ø 100 mm
3,270.00 € | 4,012.68 €

Special edition
- Mountable digital vernier scales for 3 axes
- factory installed

or in the current WABECO catalog - we shall be pleased to consult with you personally +49 2191 597-0
### Special equipment and accessories for WABECO Lathes D4000

#### Quick-action collet chuck

- **for quickly changing the workpieces**
- for clamping and unclamping of the workpieces with hand lever
- Clamping range 2 - 30 mm
- to be used up to max. 4000 rpm
- self-locking
- for dead length collets or Rubber-Flex collets
- Collets from 2 - 30 mm available - price upon request
- factory installed
- for optional retrofitting (upon request)

<table>
<thead>
<tr>
<th>Special equipment</th>
<th>Item no.</th>
<th>Price 1</th>
<th>Price 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item no. 10929</td>
<td></td>
<td>2,299.00 €</td>
<td>2,439.50 €</td>
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</tbody>
</table>

#### Mountable digital vernier scales

- **for precise machining of the workpieces**
- included in delivery
- 3 mountable vernier scales X-, Z- and Z1-axis
- Mounting kit for all 3 axes
- factory installed

<table>
<thead>
<tr>
<th>Special equipment</th>
<th>Item no.</th>
<th>Price 1</th>
<th>Price 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item no. 10425</td>
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<td>399.00 €</td>
<td>448.63 €</td>
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</tbody>
</table>

#### Digital position readout (DRO) and 2 optical scales

- **for exact positioning**
- included in delivery
- Digital position readout (DRO) for 3 axes
- 2 optical scales X- and Z-axis
- Mounting kit and protective covers
- factory installed

<table>
<thead>
<tr>
<th>Special equipment</th>
<th>Item no.</th>
<th>Price 1</th>
<th>Price 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item no. 10426</td>
<td></td>
<td>1,430.00 €</td>
<td>2,136.95 €</td>
</tr>
</tbody>
</table>

#### Chip- and coolant tray with splash guard

- Dimensions W1060 x D464 x H500 mm

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Item no.</th>
<th>Price 1</th>
<th>Price 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item no. 10456</td>
<td></td>
<td>199.00 €</td>
<td>249.90 €</td>
</tr>
</tbody>
</table>

#### Coolant unit with splash guard

- Dimensions W1060 x D445 x H553 mm
- with feed pump 230 V, 50/60 Hz
- flexible hose with stop valve and nozzle
- Content coolant: 19 liter

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Item no.</th>
<th>Price 1</th>
<th>Price 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item no. 10464</td>
<td></td>
<td>495.00 €</td>
<td>636.65 €</td>
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</table>
### Special equipment and accessories for WABECO Lathes D4000

<table>
<thead>
<tr>
<th>Machine base cabinet</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Machine base cabinet](61x654 to 156x726)</td>
<td>Item no. 10267</td>
</tr>
<tr>
<td>Dimensions W1060 x D445 x H850 mm</td>
<td>495.00 €</td>
</tr>
<tr>
<td>with 2 lockable doors and 2 shelves</td>
<td>624.75 €</td>
</tr>
<tr>
<td>Weight without packaging 58 kg</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Milling attachment</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Milling attachment](54x509 to 126x602)</td>
<td>Item no. 10470</td>
</tr>
<tr>
<td>for drilling and milling works</td>
<td>299.00 €</td>
</tr>
<tr>
<td>included in delivery</td>
<td>355.81 €</td>
</tr>
<tr>
<td>Milling attachment 130 x 100 mm</td>
<td></td>
</tr>
<tr>
<td>Width of slots 12 mm</td>
<td></td>
</tr>
<tr>
<td>can be rotated infinitely by 360° and traversed in 3 axes</td>
<td></td>
</tr>
<tr>
<td>Longitudinal slide</td>
<td></td>
</tr>
<tr>
<td>Clamping angle</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fixed stay</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Fixed stay](51x351 to 128x445)</td>
<td>Item no. 10471</td>
</tr>
<tr>
<td>for hollow turning and drilling longer workpieces</td>
<td>139.00 €</td>
</tr>
<tr>
<td>is fixed to the prismatic guide</td>
<td>213.01 €</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Adjustable longitudinal stop</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Adjustable longitudinal stop](54x229 to 134x307)</td>
<td>Item no. 10475</td>
</tr>
<tr>
<td>for longitudinal turning</td>
<td>64.00 €</td>
</tr>
<tr>
<td>for protecting the lathe chuck</td>
<td>70.21 €</td>
</tr>
<tr>
<td>for turning the workpieces to exactly the same position every time</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tool set</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Tool set](114x55 to 191x168)</td>
<td>Item no. 10997</td>
</tr>
<tr>
<td>included in delivery</td>
<td>170.00 €</td>
</tr>
<tr>
<td>Quick-change tool post, main body, size Aa (A0)</td>
<td>391.51 €</td>
</tr>
<tr>
<td>Boring steel holder, size Aa (A0)</td>
<td></td>
</tr>
<tr>
<td>Turning tool holder, size Aa (A0)</td>
<td></td>
</tr>
<tr>
<td>Carbide-tipped turning tool set 10 x 10 mm, 6 pieces</td>
<td></td>
</tr>
<tr>
<td>Quick-action drill chuck 1-13 mm, inner taper B16</td>
<td></td>
</tr>
<tr>
<td>Drill chuck arbor MT2 and flat tang</td>
<td></td>
</tr>
</tbody>
</table>

or in the current WABECO catalog - we shall be pleased to consult with you personally +49 2191 597-0
WABECO Precision Lathes D6000

- **Lead screw lathes** for metal processing
- **Silent running**
  Extremely silent running due to modern electronically adjustable drive technology
- **Prismatic cast iron bed**
  - made of diagonally ribbed gray cast iron
  - Inductively hardened and ground guideways
- **Standard equipment**
  - 3-jaw lathe chuck Ø 125 mm
  - Live center MT2
  - Main spindle bore Ø 20 mm
  - Thread cutting
    with lead screw drive and change gear quadrant
    tumbler gear for left- and right-hand threads
    change gear set for metric 0.25 - 7.0 mm and inch 10 - 40 TPI threads
  2 automatic longitudinal feed rates/lead screw drive 0.085 and 0.16 mm/rev
- **Special equipment**
  Main spindle bore Ø 30 mm (item no. 10678)
- **Working range**
  - 600 mm center distance
  - 135 mm center height
  - Workpiece diameter max. 270 mm
- **Main drive motor** 230 V, 50/60 Hz
  - 1.4 kW, 30 - 2300 rpm
  alternative
  - 2.0 kW, 50 - 5000 rpm, frequency-controlled main drive motor
- **Application**
  - for hobby, model building, craft, workshop, industry and education use
  - for single and small-series production
- **Warranty**
  - 5 years warranty - the warranty does not cover parts subject to wear
  - Availability of spare parts also guaranteed after warranty period

Further information at www.wabeco-remseheid.de
# WABECO Precision Lathes D6000

<table>
<thead>
<tr>
<th>Lathes D6000</th>
<th>Item no. 10601V</th>
<th>3,899.00 €</th>
<th>4,992.95 €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main drive power</td>
<td>1.4 kW, 30 - 2300 rpm</td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Lathes D6000</th>
<th>Item no. 10606V</th>
<th>5,799.00 €</th>
<th>7,134.95 €</th>
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</thead>
<tbody>
<tr>
<td>Main drive power</td>
<td>2.0 kW, 50 - 5000 rpm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>frequency-controlled main drive motor</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Special edition
- with main spindle bore Ø 30 mm

<table>
<thead>
<tr>
<th>Item no. 10605</th>
<th>4,079.00 €</th>
<th>5,553.73 €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main drive power</td>
<td>1.4 kW, 30 - 2300 rpm</td>
<td></td>
</tr>
</tbody>
</table>

- Main spindle bore Ø 30 mm
- factory installed

### Special edition
- with mountable digital vernier scales

<table>
<thead>
<tr>
<th>Item no. 10604</th>
<th>4,289.00 €</th>
<th>5,479.95 €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main drive power</td>
<td>1.4 kW, 30 - 2300 rpm</td>
<td></td>
</tr>
</tbody>
</table>

- Mountable digital vernier scales for 3 axes
- factory installed

### Special edition
- with main spindle bore Ø 30 mm
- and tool set

<table>
<thead>
<tr>
<th>Item no. 10610</th>
<th>4,295.00 €</th>
<th>6,154.68 €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main drive power</td>
<td>1.4 kW, 30 - 2300 rpm</td>
<td></td>
</tr>
</tbody>
</table>

- Main spindle bore Ø 30 mm
- Turning tool set for indexable inserts 10x10 mm
- Quick-change tool post, main body, size A
- Turning tool holder and boring steel holder, size A
- Quick-action drill chuck B16 1-13 mm with drill chuck arbor MT2

### Additional Notes
- or in the current WABECO catalog - we shall be pleased to consult with you personally +49 2191 597-0
WABECO Precision Lathes

✔️ Lead screw lathes for metal processing

✔️ Silent running
  Extremely silent running due to modern electronically adjustable drive technology

✔️ Prismatic cast iron bed
  • made of diagonally ribbed gray cast iron
  • inductively hardened and ground guideways

✔️ Standard equipment
  • 3-jaw lathe chuck Ø 125 mm
  • Live center MT2
  • Main spindle bore Ø 20 mm
  • Thread cutting
    with lead screw drive and change gear quadrant
    tumbler gear for left- and right-hand threads
    change gear set for metric 0.25 - 7.0 mm and inch 10 - 40 TPI threads
  2 automatic longitudinal feed rates/lead screw drive 0.085 and 0.16 mm/U

  Special equipment
  Main spindle bore Ø 30 mm (item no. 10678)

✔️ Working range
  • 600 mm center distance
  • 135 mm center height
  • Workpiece diameter max. 270 mm

✔️ Main drive motor 230 V, 50/60 Hz
  • 1.4 kW, 30 - 2300 rpm
  alternative
  • 2.0 kW, 50 - 5000 rpm, frequency-controlled main drive motor

✔️ Application
  • for craft, workshop, industry and education use
  • for single and small-series production

✔️ Warranty
  • 5 years warranty - the warranty does not cover parts subject to wear
  • Availability of spare parts also guaranteed after warranty period
with installed stepper motors

| Lathes D6000-C | Item no. 1060001V | Main drive power | 4,990.00 € | 6,539.05 € |
| Item no. 1060012V | 1.4 kW, 30 - 2300 rpm |
| Item no. 1060001V | 6,790.00 € | 8,681.05 € |
| Item no. 1060012V | 2.0 kW, 50 - 5000 rpm |
| Item no. 1060001V | frequency-controlled main drive motor |
| Item no. 1060012V |

- for installation of a CNC controller with software as e.g. Mach CNC controller, Heidenhain controller etc.
- 2 powerful stepper motors for controlling the X- and Z-axis
- 2 limit switches for X- and Z-axis

**Advantage**

- the lathes can be used in conventional as well as in CNC mode

**Note**

To meet industrial standard safety requirements a CNC lathe should be installed into a machine safety cabin. Please refer to local safety standard requirements. **Without a machine safety cabin a CNC lathe does not meet CE listed requirements and can result in serious injuries. Extreme caution is required operating a CNC lathe.**

or in the current WABECO catalog - we shall be pleased to consult with you personally +49 2191 597-0
## Special equipment and accessories for WABECO Lathes D6000

### Main spindle bore Ø 30 mm

- for workpiece Ø up to 30 mm
- with ground taper insert MT3
- cannot be retrofitted

| Item no. 10678 | 199.00 € | 561.68 € |

### Ball screws for 2 axes

- for high positioning accuracy
- incl. lead screw cover
- zero backlash ball screws
- high precision pitch and positioning accuracy
- wear-free
- cannot be retrofitted

| Item no. 10645 | 1,595.00 € | 1,898.95 € |

### Lead screw cover

- to protect against swarf
- to prevent premature wear and loss of precision
- cannot be retrofitted

| Item no. 10680 | 299.00 € | 357.00 € |

### Quick-action collet chuck

- for quickly changing the workpieces
- for clamping and unclamping of the workpieces with hand lever
- Clamping range 2 - 30 mm
- to be used up to max. 4000 rpm
- self-locking
- for dead length collets or Rubber-Flex collets
- Collets available from 2 - 30 mm - price upon request
- factory installed
- optional retrofitting (upon request)

| Item no. 10930 | 2,299.00 € | 2,439.50 € |

### Camlock D1-4 “Quick Change” option at the main spindle

- for quickly changing the Camlock lathe and collet chucks by means of the Camlock fixture
- Camlock main spindle nose according to DIN 55029 size 4
- factory installed
- cannot be retrofitted

| Item no. 10640 | 399.00 € | 474.81 € |

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Further information at www.wabeco-remsheid.de
### Special equipment and accessories for WABECO Lathes D6000

#### Camlock lathe chucks Ø 125 mm

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
<th>Price</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>• suitable for Camlock D1-4 “Quick Change” option</td>
<td></td>
<td>399.00 €</td>
<td>499.80 €</td>
</tr>
<tr>
<td>item no. 10640</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• centrically clamping</td>
<td></td>
<td>599.00 €</td>
<td>684.25 €</td>
</tr>
<tr>
<td>• with turning and drilling jaws and clamping key</td>
<td></td>
<td>549.00 €</td>
<td>684.25 €</td>
</tr>
<tr>
<td>3-jaw cast iron version</td>
<td>Item no. 10724</td>
<td>399.00 €</td>
<td>499.80 €</td>
</tr>
<tr>
<td>3-jaw steel version</td>
<td>Item no. 10755</td>
<td>599.00 €</td>
<td>684.25 €</td>
</tr>
<tr>
<td>4-jaw cast iron version</td>
<td>Item no. 10734</td>
<td>549.00 €</td>
<td>684.25 €</td>
</tr>
<tr>
<td>4-jaw steel version</td>
<td>Item no. 10756</td>
<td>730.00 €</td>
<td>913.92 €</td>
</tr>
</tbody>
</table>

#### Camlock 5C collet chuck

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
<th>Price</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>• suitable for Camlock D1-4 “Quick Change” option</td>
<td></td>
<td>389.00 €</td>
<td>422.45 €</td>
</tr>
<tr>
<td>item no. 10640</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• with flange</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• clamping range in connection with 5C collets from 2-25 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5C collets are not part of the delivery)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• an extremely high true running accuracy when clamping workpieces</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-jaw cast iron version</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-jaw steel version</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-jaw cast iron version</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-jaw steel version</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Mountable digital vernier scales

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
<th>Price</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>• for precise machining of the workpieces</td>
<td></td>
<td>420.00 €</td>
<td>487.90 €</td>
</tr>
<tr>
<td>included in delivery</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 3 mountable vernier scales X-, Z- and Z1-axis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Mounting kit for all 3 axes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• factory installed</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Digital position readout (DRO) and 2 optical scales

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
<th>Price</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>• for exact positioning</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>included in delivery</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Digital position readout (DRO) for 3 axes</td>
<td></td>
<td>1,470.00 €</td>
<td>2,201.50 €</td>
</tr>
<tr>
<td>• 2 optical scales X- and Z-axis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Mounting kit and protective covers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• factory installed</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Special equipment and accessories for WABECO Lathes D6000

### Digital position readout (DRO) and 3 optical scales
- **for exact positioning**
- **included in delivery**
- Digital position readout (DRO) for 3 axes
- 3 optical scales X-, Z- and Z1-axis
- Mounting kit and protective covers
- Factory installed

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
<th>Price incl. VAT</th>
<th>Price excl. VAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital position readout (DRO) and 3 optical scales</td>
<td>10627</td>
<td>€1,749.00</td>
<td>€2,594.20</td>
</tr>
</tbody>
</table>

### Chip-and coolant tray with splash guard
- Dimensions W1060 x D464 x H500 mm

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
<th>Price incl. VAT</th>
<th>Price excl. VAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chip-and coolant tray with splash guard</td>
<td>10656</td>
<td>€199.00</td>
<td>€236.81</td>
</tr>
</tbody>
</table>

### Coolant unit with splash guard
- Dimensions W1060 x D445 x H553 mm
- with feed pump 230 V, 50/60 Hz
- flexible hose with stop valve and nozzle
- Content coolant: 19 liter

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
<th>Price incl. VAT</th>
<th>Price excl. VAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coolant unit with splash guard</td>
<td>10664</td>
<td>€495.00</td>
<td>€624.75</td>
</tr>
</tbody>
</table>

### Machine base cabinet
- Dimensions W1060 x D445 x H850 mm
- with 2 lockable doors and 2 shelves
- Weight without packaging 58 kg

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
<th>Price incl. VAT</th>
<th>Price excl. VAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machine base cabinet</td>
<td>10267</td>
<td>€495.00</td>
<td>€624.75</td>
</tr>
</tbody>
</table>

### Milling attachment
- **for drilling and milling works**
- **included in delivery**
- Milling attachment 130 x 100 mm
- Width of slots 12 mm
- can be rotated infinitely by 360° and traversed in 3 axes
- Longitudinal slide
- Clamping angle

<table>
<thead>
<tr>
<th>Description</th>
<th>Item no.</th>
<th>Price incl. VAT</th>
<th>Price excl. VAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milling attachment</td>
<td>10671</td>
<td>€299.00</td>
<td>€355.81</td>
</tr>
</tbody>
</table>

Further information at www.wabeco-remseheid.de
Special equipment and accessories for WABECO Lathes D6000

<table>
<thead>
<tr>
<th><strong>Fixed stay</strong></th>
<th><strong>Accessories</strong></th>
</tr>
</thead>
</table>
| ![Fixed stay](image) | - for hollow turning and drilling longer workpieces  
- is fixed to the prismatic guide  
- Item no. 10670  
- Price: 139.00 €  
- 213.01 € |

<table>
<thead>
<tr>
<th><strong>Live stay</strong></th>
<th><strong>Accessories</strong></th>
</tr>
</thead>
</table>
| ![Live stay](image) | - to support long, thin shafts during longitudinal turning, prevents them from sagging  
- is fixed to the tool slide  
- Item no. 10672  
- Price: 139.00 €  
- 213.01 € |

<table>
<thead>
<tr>
<th><strong>Adjustable longitudinal stop</strong></th>
<th><strong>Accessories</strong></th>
</tr>
</thead>
</table>
| ![Adjustable longitudinal stop](image) | - for longitudinal turning  
- for protecting the lathe chuck  
- for turning the workpieces to exactly the same position every time  
- Item no. 10675  
- Price: 64.00 €  
- 70.21 € |

<table>
<thead>
<tr>
<th><strong>Tool set</strong></th>
<th><strong>Accessories</strong></th>
</tr>
</thead>
</table>
| ![Tool set](image) | - included in delivery  
- Quick-change tool post, main body, size A  
- Boring steel holder, size A  
- Turning tool holder, size A  
- Carbide-tipped turning tool set 10 x 10 mm, 6 pieces  
- Quick-action drill chuck 1-13 mm, inner taper B16  
- Drill chuck arbor MT2 and flat tang  
- Item no. 10995  
- Price: 190.00 €  
- 451.01 € |
with nccad controller and turning software
WABECO Precision CNC Lathes

✔ Lead screw CNC lathes for metal processing

✔ Advantage - the lathes can be used in conventional as well as in CNC mode

✔ Silent running
   Extremely silent running due to modern electronically adjustable drive technology

✔ Prismatic cast iron bed
   • made of diagonally ribbed gray cast iron
   • inductively hardened and ground guideways

✔ Standard equipment
   • 3-jaw lathe chuck Ø 125 mm
   • Live center MT2
   • Main spindle bore Ø 20 mm
   • Thread cutting
     with lead screw drive and change gear quadrant
     tumbler gear for left- and right-hand threads
     change gear set for metric 0.25 - 7.0 mm and inch 10 - 40 TPI threads
     2 automatic longitudinal feed rates/lead screw drive 0.085 and 0.16 mm/rev

   Special equipment
   Main spindle bore Ø 30 mm (item no. 10678)

✔ Working range
   • 600 mm center distance
   • 135 mm center height
   • Workpiece diameter max. 270 mm

✔ Main drive motor 230 V, 50/60 Hz
   • 1.4 kW, 30 - 2300 rpm
   alternative
   • 2.0 kW, 50 - 5000 rpm, frequency-controlled main drive motor

✔ Application
   • for craft, workshop, industry and education use
   • for single and small-series production

✔ Warranty
   • 2 years warranty - the warranty does not cover parts subject to wear
   • Availability of spare parts also guaranteed after warranty period
with nccad BASIC controller and turning software

CNC Lathes CC-D6000 BASIC

Item no. 1060051V
Main drive power
1.4 kW, 30 - 2300 rpm
6,399.00 € | 8,086.05 €

Item no. 1060056V
Main drive power
2.0 kW, 50 - 5000 rpm
8,399.00 € | 10,228.05 €

Checklist:
- nccad BASIC controller
  - Travel speed (rapid traverse) X- and Z-axis 30 - 500 mm/min
- nccad BASIC 2D turning software
  - 2D interpolation, i.e. 2 axes can be displaced simultaneously
  - Thread cutting not possible in CNC mode
- Program creation
  - for creating programs and for controlling the CNC machine
  - a PC is required (PCs are not part of the delivery)
  - the PC assumes the program creation, the program administration and the data archiving
  - CNC programs can be created on several PCs independently from the CNC machine

Note
Upgrading a manual WABECO lathe with CNC components, connecting a WABECO nccad controller and a PC makes it now a high precision CNC lathe. To meet industrial standard safety requirements this CNC converted lathe should be installed into a machine safety cabin. Please refer to local safety standard requirements. Without a machine safety cabin a lathe converted to CNC does not meet CE listed requirements and can result in serious injuries. Extreme caution is required operating a CNC lathe.
WABECO Precision CNC Lathes

- **Lead screw CNC lathes** for metal processing

- **Advantage** - the lathes can be used in conventional as well as in CNC mode

- **Silent running**
  Extremely silent running due to modern electronically adjustable drive technology

- **Prismatic cast iron bed**
  - made of diagonally ribbed gray cast iron
  - inductively hardened and ground guideways

- **Standard equipment**
  - 3-jaw lathe chuck Ø 125 mm
  - Live center MT2
  - Main spindle bore Ø 20 mm
  - Thread cutting
    - with lead screw drive and change gear quadrant
    - tumbler gear for left- and right-hand threads
    - change gear set for metric 0.25 - 7.0 mm and inch 10 - 40 TPI threads
    - 2 automatic longitudinal feed rates/lead screw drive 0.085 and 0.16 mm/rev

- **Special equipment**
  Main spindle bore Ø 30 mm (item no. 10678)

- **Working range**
  - 600 mm center distance
  - 135 mm center height
  - Workpiece diameter max. 270 mm

- **Main drive motor** 230 V, 50/60 Hz
  - 1.4 kW, 30 - 2300 rpm
  - alternative
    - 2.0 kW, 50 - 5000 rpm, frequency-controlled main drive motor

- **Application**
  - for craft, workshop, industry and education use
  - for single and small-series production

- **Warranty**
  - 2 years warranty - the warranty does not cover parts subject to wear
  - Availability of spare parts also guaranteed after warranty period

Further information at www.wabeco-remseheid.de
with nccad PROFESSIONAL controller and turning software

CNC Lathes **CC-D6000 PROFESSIONAL**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1060021V</td>
<td>9,199.00 €</td>
</tr>
<tr>
<td>1060071V</td>
<td>11,199.00 €</td>
</tr>
</tbody>
</table>

**nccad PROFESSIONAL controller**

Travel speed (rapid traverse) X- and Z-axis 30 - 1000 mm/min

**nccad PROFESSIONAL 2½D turning software**

- 2½D interpolation, i.e. 2 axes can be displaced simultaneously
- the 3rd axis is intended for controlling the tool turret with 8 tool positions
- Thread cutting in CAD/CAM mode

**Ball screws** are required for the utmost positioning accuracy with nccad PROFESSIONAL

**Additional functions**

- automated production through the use of the automatic tool turret with 8 tool positions (optional)
- the use of the electronic handwheel (optional)

**Program creation**

- for creating programs and for controlling the CNC machine a PC is required
  (PCs are not part of the delivery)
- the PC assumes the program creation, the program administration and the data archiving
- CNC programs can be created on several PCs independently from the CNC machine

**Note**

Upgrading a manual WABECO lathe with CNC components, connecting a WABECO nccad controller and a PC makes it now a high precision CNC lathe. To meet industrial standard safety requirements this to CNC converted lathe should be installed into a machine safety cabin. Please refer to local safety standard requirements. **Without a machine safety cabin a lathe converted to CNC does not meet CE listed requirements and can result in serious injuries. Extreme caution is required operating a CNC lathe.**

or in the current WABECO catalog - we shall be pleased to consult with you personally +49 2191 597-0
### Special equipment and accessories for WABECO CNC Lathes CC-D6000

<table>
<thead>
<tr>
<th>Main spindle bore Ø 30 mm</th>
<th>Special equipment</th>
</tr>
</thead>
</table>
| ![Image](image1.png) | • for workpiece Ø up to 30 mm  
• with ground taper insert MT3  
• cannot be retrofitted | Item no. 10678  
199.00 €  
561.68 € |

<table>
<thead>
<tr>
<th>Ball screws for 2 axes</th>
<th>Special equipment</th>
</tr>
</thead>
</table>
| ![Image](image2.png) | • for high positioning accuracy  
• incl. lead screw cover  
• zero backlash ball screws  
• high precision pitch and positioning accuracy  
• wear-free  
• cannot be retrofitted | Item no. 10645  
1,595.00 €  
1,898.95 € |

<table>
<thead>
<tr>
<th>Lead screw cover</th>
<th>Special equipment</th>
</tr>
</thead>
</table>
| ![Image](image3.png) | • to protect against swarf  
• to prevent premature wear and loss of precision  
• cannot be retrofitted | Item no. 10680  
299.00 €  
357.00 € |

<table>
<thead>
<tr>
<th>Quick-action collet chuck</th>
<th>Special equipment</th>
</tr>
</thead>
</table>
| ![Image](image4.png) | • for quickly changing the workpieces  
• for clamping and unclamping of the workpieces with hand lever  
• Clamping range 2 - 30 mm  
• to be used up to max. 4000 rpm  
• self-locking  
• for dead length collets or Rubber-Flex collets  
• Collets from 2 - 30 mm available - price upon request  
• factory installed  
• for optional retrofitting (upon request) | Item no. 10930  
2,299.00 €  
2,439.50 € |

<table>
<thead>
<tr>
<th>Camlock D1-4 “Quick Change” option at the main spindle</th>
<th>Special equipment</th>
</tr>
</thead>
</table>
| ![Image](image5.png) | • for quickly changing the Camlock lathe and collet chucks by means of the Camlock fixture  
• Camlock main spindle nose according to DIN 55029 size 4  
• factory installed  
• cannot be retrofitted | Item no. 10640  
399.00 €  
474.81 € |
## Special equipment and accessories for WABECO CNC Lathes CC-D6000

### Camlock lathe chucks Ø 125 mm

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Item no. 1060126</strong></td>
<td><em>suitable for Camlock D1-4 “Quick Change” option</em></td>
<td>3-jaw cast iron version</td>
<td>399.00 €</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>499.80 €</td>
</tr>
<tr>
<td></td>
<td><strong>Item no. 1060127</strong></td>
<td><em>suitable for Camlock D1-4 “Quick Change” option</em></td>
<td>3-jaw steel version</td>
<td>599.00 €</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>684.25 €</td>
</tr>
<tr>
<td></td>
<td><strong>Item no. 1060128</strong></td>
<td><em>suitable for Camlock D1-4 “Quick Change” option</em></td>
<td>4-jaw cast iron version</td>
<td>549.00 €</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>684.25 €</td>
</tr>
<tr>
<td></td>
<td><strong>Item no. 1060129</strong></td>
<td><em>suitable for Camlock D1-4 “Quick Change” option</em></td>
<td>4-jaw steel version</td>
<td>730.00 €</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>913.92 €</td>
</tr>
</tbody>
</table>

- **item no. 10640**: 3-jaw cast iron version
- **item no. 10724**: 3-jaw steel version
- **item no. 10755**: 4-jaw cast iron version
- **item no. 10756**: 4-jaw steel version

### Camlock 5C collet chuck

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Item no. 1060130</strong></td>
<td><em>suitable for Camlock D1-4 “Quick Change” option</em></td>
<td>389.00 €</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>422.45 €</td>
</tr>
</tbody>
</table>

- **item no. 10640**: suitable for Camlock D1-4 “Quick Change” option
- **item no. 10779**: with flange
- **item no. 10779**: clamping range in connection with 5C collets from 2-25 mm
  (5C collets are not part of the delivery)
- **item no. 10779**: an extremely high true running accuracy when clamping workpieces

### Digital position readout (DRO) and 2 optical scales

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Item no. 1060131</strong></td>
<td><em>for exact positioning</em></td>
<td>included in delivery</td>
<td>1,470.00 €</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2,201.50 €</td>
</tr>
</tbody>
</table>

- **item no. 1060131**: Digital position readout (DRO) for 3 axes
- **item no. 1060131**: 2 optical scales X- and Z-axis
- **item no. 1060131**: Mounting kit and protective covers
- **item no. 1060131**: factory installed

### Digital position readout (DRO) and 3 optical scales

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Item no. 1060132</strong></td>
<td><em>for exact positioning</em></td>
<td>included in delivery</td>
<td>1,749.00 €</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2,594.20 €</td>
</tr>
</tbody>
</table>

- **item no. 1060132**: Digital position readout (DRO) for 3 axes
- **item no. 1060132**: 3 optical scales X-, Z- and Z1-axis
- **item no. 1060132**: Mounting kit and protective covers
- **item no. 1060132**: factory installed

---

or in the current WABECO catalog - we shall be pleased to consult with you personally +49 2191 597-0
## Special equipment and accessories for WABECO CNC Lathes CC-D6000

<table>
<thead>
<tr>
<th>Machine safety cabin</th>
<th>Special equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>• to prevent accidents</td>
<td>Item no. 1060090</td>
</tr>
<tr>
<td>• with integrated coolant unit</td>
<td>1,799.00 €</td>
</tr>
<tr>
<td>• Content coolant 36 liter</td>
<td>2,021.81 €</td>
</tr>
<tr>
<td>• Dimensions W1298 x D848 x H653 mm</td>
<td></td>
</tr>
<tr>
<td>• cannot be retrofitted</td>
<td></td>
</tr>
<tr>
<td><strong>Note</strong></td>
<td></td>
</tr>
<tr>
<td>The standard EN2006/42 EG is only met in combination with a machine safety cabin.</td>
<td></td>
</tr>
<tr>
<td>Without a machine safety cabin a CNC lathe does not meet CE listed requirements and</td>
<td></td>
</tr>
<tr>
<td>can result in serious injuries.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Machine base cabinet</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Dimensions W1060 x D445 x H850 mm</td>
<td>Item no. 10267</td>
</tr>
<tr>
<td>• with 2 lockable doors and 2 shelves</td>
<td>495.00 €</td>
</tr>
<tr>
<td>• Weight without packaging 58 kg</td>
<td>624.75 €</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industrial monitor with membrane keyboard</th>
<th>Special equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>• ergonomic control unit housing</td>
<td>Item no. 1060095</td>
</tr>
<tr>
<td>• with integrated machine operating elements</td>
<td>2,999.00 €</td>
</tr>
<tr>
<td>• with swiveling support arm</td>
<td>3,519.50 €</td>
</tr>
<tr>
<td>• replaces PC monitor and keyboard</td>
<td></td>
</tr>
<tr>
<td>• a PC is not part of the delivery</td>
<td></td>
</tr>
<tr>
<td>• only available with machine safety cabin</td>
<td></td>
</tr>
<tr>
<td>• cannot be retrofitted</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CNC tool turret</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>• for an automated production</td>
<td>Item no. 1060098</td>
</tr>
<tr>
<td>• only usable in connection with nccad professional controller and turning software</td>
<td>2,099.00 €</td>
</tr>
<tr>
<td>• with 8 tool positions</td>
<td>2,499.00 €</td>
</tr>
<tr>
<td>• for 4 outside processing tools cross section 10 x 10 mm</td>
<td></td>
</tr>
<tr>
<td>• for 4 inside processing tools location hole Ø 16 mm</td>
<td></td>
</tr>
<tr>
<td>• for safety reasons only available with machine safety cabin</td>
<td></td>
</tr>
<tr>
<td>• for optional retrofitting (upon request)</td>
<td></td>
</tr>
</tbody>
</table>
## Special equipment and accessories for WABECO CNC Lathes CC-D6000

<table>
<thead>
<tr>
<th>Electronic handwheel</th>
<th>Accessories</th>
</tr>
</thead>
</table>
| ![Electronic handwheel](image) | for manually moving the axes  
only usable in connection with  
nccad professional controller and turning software  
for 2 axes  
used for the positioning of the axes during the setup mode (workpiece zero point) | Item no. 1060130  
649.00 €  
702.10 € |
WABECO Precision CNC Lathes CC-D6200 hs

- Slant bed CNC lathes for metal processing
- Silent running
  Extremely silent running due to modern electronically adjustable drive technology
- Slant bed with prismatic cast iron bed
  - made of diagonally ribbed gray cast iron
  - inductively hardened and ground guideways

Standard equipment
- 3-jaw lathe chuck Ø 125 mm
- Main spindle bore Ø 30 mm
- Machine safety cabin with integrated coolant unit
- Keyboard tray with integrated machine operating elements
- Ball screws
  with zero backlash ball screws
  high precision pitch and positioning accuracy
  wear-free
- Lead screw cover
  to protect the lead screw against swarf
  to prevent premature wear and loss of precision
- CNC tool turret
  with 8 tool positions

Working range
- 600 mm center distance
- 135 mm center height
- Workpiece diameter max. 270 mm

Main drive motor 230 V, 50/60 Hz
- 2.0 kW, 50 - 5000 rpm, frequency-controlled main drive motor

Application
- for workshop, industry, education, fixture construction, tool making, prototype construction and mold construction use
- for series production

Warranty
- 2 years warranty - the warranty does not cover parts subject to wear
- Availability of spare parts also guaranteed after warranty period
with nccad PROFESSIONAL controller and turning software

Lathes **CC-D6200 hs PROFESSIONAL**  
Item no. 1060800V  
Machine base cabinet  
Item no. 1120269  
- **18,990.00 €** | **20,224.05 €**
- **2,160.00 €** | **2,374.05 €**

**nccad PROFESSIONAL controller**
- Travel speed (rapid traverse) X- and Z-axis 30 - 1000 mm/min

**nccad PROFESSIONAL 2½D turning software**
- 2½D interpolation, i.e. 2 axes can be displaced simultaneously
- the 3rd axis is intended for controlling the tool turret with 8 tool positions
- Thread cutting in CAD/CAM mode

**Program creation**
- for creating programs and for controlling the CNC machine a PC is required (PCs are not part of the delivery)
- the PC assumes the program creation, the program administration and the data archiving
- CNC programs can be created on several PCs independently from the CNC machine

or in the current WABECO catalog - we shall be pleased to consult with you personally +49 2191 597-0
or in the current WABECO catalog - we shall be pleased to consult with you personally +49 2191 597-0
WABECO Precision Milling Machines

✔️ Vertical milling machines for metal processing

✔️ Ingenius - thanks to the quill feature with drill depth stop, unit can also be used for drilling operation

✔️ Extremely silent - extremely silent running due to modern electronically adjustable drive technology

✔️ Perfect
  • Tool clamping and ejecting system
  • for clamping and ejecting the tools without extra effort

✔️ Universal
  Milling head with swiveling feature 90° in both directions

✔️ Standard equipment
  • Tool holder MT2

  Special equipment
  Tool holder MT3 (item no. 11230)
  Tool holder ISO30 (item no. 11231)

✔️ Main drive motor 230 V, 50/60 Hz
  • 1.4 kW, 140 - 3000 rpm
  alternative
  • 2.0 kW, 100 - 7500 rpm, frequency-controlled main drive motor

✔️ Guides
  Dovetail guides
  • free of play adjustable in all axes, 2 protective accordion bellows to protect dovetail guides
  • Results in clean machined surfaces due to fine adjustable, fine tunable dovetail guides
  alternative

  Maintenance-free linear guides
  • hardened and ground in all axes, with ball bearings
  • high precision and rigidity
  • high workpiece accuracy
  • improved surface quality
  • 4 protective accordion bellows to protect linear guides
  • Results in clean machined surfaces due to fine adjustable, fine tunable dovetail guides

✔️ Application
  • perfect for hobby, model building, craft and workshop
  • for single and small-series production

✔️ Warranty
  • 5 years warranty - the warranty does not cover parts subject to wear
  • Availability of spare parts also guaranteed after warranty period

further information at www.wabeco-remsheid.de
WABECO Precision Milling Machines

Milling Machine F1200
Item no. 11200V
2,399.00 € | 3,034.50 €
Main drive power
1.4 kW, 140 - 3000 rpm

with
dovetail guides

Work Table
450 x 180 mm

Working range
260 mm longitudinal travel X-axis
150 mm transverse travel Y-axis
280 mm vertical travel Z-axis

Milling Machine F1200 hs
Item no. 11202V
3,949.00 € | 4,581.50 €
Main drive power
2.0 kW, 100 - 7500 rpm
frequency-controlled main drive motor

Milling Machine F1210
Item no. 11400V
2,649.00 € | 3,391.50 €
Main drive power
1.4 kW, 140 - 3000 rpm

with
dovetail guides

Work Table
700 x 180 mm

Working range
500 mm longitudinal travel X-axis
150 mm transverse travel Y-axis
280 mm vertical travel Z-axis

Milling Machine F1210 hs
Item no. 11402V
4,199.00 € | 4,938.50 €
Main drive power
2.0 kW, 100 - 7500 rpm
frequency-controlled main drive motor
WABECO Precision Milling Machines

Milling Machine F1410 LF
Item no. 16400V

5,199.00 € | 6,182.05 €

Main drive power
1.4 kW, 140 - 3000 rpm

with linear guides

Work Table
700 x 180 mm

Working range
500 mm longitudinal travel X-axis
200 mm transverse travel Y-axis
280 mm vertical travel Z-axis

Milling Machine F1410 LF hs
Item no. 16402V

6,699.00 € | 7,729.05 €

Main drive power
2.0 kW, 100 - 7500 rpm

frequency-controlled main drive motor

or in the current WABECO catalog - we shall be pleased to consult with you personally +49 2191 597-0
Special editions for WABECO Milling Machines

Milling Machine **F1200**

- Item no. 11200V  
  - 2,399.00 € | 3,034.50 €

  with dovetail guides

**Work Table**

- 450 x 180 mm

**Working range**

- 260 mm longitudinal travel X-axis
- 150 mm transverse travel Y-axis
- 280 mm vertical travel Z-axis

**Main drive power**

- 1.4 kW, 140 - 3000 rpm

---

**Special edition with tool holder ISO30**

- Item no. 11206  
  - 2,579.00 € | 3,451.00 €

**Special edition**

- Tool holder ISO30
- Steep taper ISO30 (DIN 2080) and tightening thread M12
- factory installed

---

**Special edition with mountable digital vernier scales**

- Item no. 11204  
  - 2,769.00 € | 3,489.08 €

**Special edition**

- Mountable digital vernier scales for 3 axes
- factory installed

---

**Special edition with tool set**

- Item no. 11208  
  - 2,499.00 € | 3,354.61 €

**Special edition**

- Dividing attachment Ø 110 mm
- Quick-action drill chuck B16 1-13 mm
  with drill chuck arbor MT2

---

Further information at www.wabeco-remischeid.de
Special editions for WABECO Milling Machines

Milling Machine **F1210**

Item no. 11400V  
2,649.00 € | 3,391.50 €

- with dovetail guides
- **Work Table**  
  - 700 x 180 mm
- **Working range**  
  - **500 mm** longitudinal travel X-axis
  - **150 mm** transverse travel Y-axis
  - **280 mm** vertical travel Z-axis
- **Main drive power**  
  - 1.4 kW, 140 - 3000 rpm

---

**Special edition with tool holder ISO30**

Item no. 11406  
2,829.00 € | 3,808.00 €

- **Special edition**  
  - Tool holder ISO30
  - Steep taper ISO30 (DIN 2080) and tightening thread M12
  - factory installed

---

**Special edition with mountable digital vernier scales**

Item no. 11404  
3,049.00 € | 3,897.25 €

- **Special edition**  
  - Mountable digital vernier scales for 3 axes
  - factory installed

---

**Special edition with tool set**

Item no. 11408  
2,779.00 € | 3,759.21 €

- **Special edition**  
  - Dividing attachment Ø 110 mm
  - Quick-action drill chuck B16 1-13 mm
  - with drill chuck arbor MT2

---

or in the current WABECO catalog - we shall be pleased to consult with you personally +49 2191 597-0
WABECO Precision Milling Machines

✅ **Vertical milling machines** for metal processing

✅ **with installed stepper motors and limit switches**
   for installation of a CNC controller with software as e.g. Mach CNC controller, Heidenhain controller etc.

✅ **Advantage** - the milling machine can be used in conventional as well as in CNC mode

✅ **Igenius** - thanks to the quill feature with drill depth stop, unit can also be used for drilling operation

✅ **Extremely silent** - Extremely silent running due to modern electronically adjustable drive technology

✅ **Perfect**
   - Tool clamping and ejecting system
   - for clamping and ejecting the tools without extra effort

✅ **Universal**
   Milling head with swivelng feature 90° in both directions

✅ **Standard equipment**
   - Tool holder MT2

   **Special equipment**
   Tool holder MT3 (item no. 11230)
   Tool holder ISO30 (item no. 11231)

✅ **Main drive motor 230 V, 50/60 Hz**
   - 1.4 kW, 140 - 3000 rpm
   alternative
   - 2.0 kW, 100 - 7500 rpm, frequency-controlled main drive motor

✅ **Guides**
   **Dovetail guides**
   - free of play adjustable in all axes, 2 protective accordion bellows to protect dovetail guides
   - Results in clean machined surfaces due to fine adjustable, fine tunable dovetail guides
   alternative

   **Maintenance-free linear guides**
   - hardened and ground in all axes, with ball bearings
   - high precision and rigidity, high workpiece accuracy
   - improved surface quality
   - 4 protective accordion bellows to protect linear guides
   - Results in clean machined surfaces due to fine adjustable, fine tunable dovetail guides

✅ **Application**
   - for hobby, model building, craft, workshop and industry use
   - for single and small-series production

✅ **Warranty**
   - 5 years warranty - the warranty does not cover parts subject to wear
   - Availability of spare parts also guaranteed after warranty period

Further information at www.wabeco-remseheid.de
with installed stepper motors
WABECO Precision Milling Machines

Milling Machine F1200-C
Item no. 1120001V
3,875.00 €  | 4,996.81 €
Main drive power
1.4 kW, 140 - 3000 rpm

with
dovetail guides

Work Table
450 x 180 mm

Working range
260 mm longitudinal travel X-axis
150 mm transverse travel Y-axis
280 mm vertical travel Z-axis

Milling Machine F1200-C hs
Item no. 1120002V
5,375.00 €  | 6,543.81 €
Main drive power
2.0 kW, 100 - 7500 rpm
frequency-controlled main drive motor

Milling Machine F1210-C
Item no. 1140001V
4,125.00 €  | 5,353.81 €
Main drive power
1.4 kW, 140 - 3000 rpm

with
dovetail guides

Work Table
700 x 180 mm

Working range
500 mm longitudinal travel X-axis
150 mm transverse travel Y-axis
280 mm vertical travel Z-axis

Milling Machine F1210-C hs
Item no. 1140002V
5,675.00 €  | 6,900.81 €
Main drive power
2.0 kW, 100 - 7500 rpm
frequency-controlled main drive motor

further information at www.wabeco-remutscheid.de
with installed stepper motors

- for installation of a CNC controller with software as e.g. Mach CNC controller, Heidenhain controller etc.
- 3 powerful stepper motors for controlling the X-, Y- and Z-axis
- 3 limit switches for X-, Y- and Z-axis

**Advantage**

the milling machines can be used in conventional as well as in CNC mode

---

**Note**

To meet industrial standard safety requirements a CNC milling machine should be installed into a machine safety cabin. Please refer to local safety standard requirements. **Without a machine safety cabin a CNC milling machine does not meet CE listed requirements and can result in serious injuries. Extreme caution is required operating a CNC lathe.**

---

Milling Machine F1410-C LF
Item no. 1640001V
6,819.00 € | 8,508.50 €
Main drive power
1.4 kW, 140 - 3000 rpm

Milling Machine F1410-C LF hs
Item no. 1640002V
8,369.00 € | 10,055.50 €
Main drive power
2.0 kW, 100 - 7500 rpm
frequency-controlled main drive motor

---

with linear guides

**Work Table**
- 700 x 180 mm

**Working range**
- 500 mm longitudinal travel X-axis
- 200 mm transverse travel Y-axis
- 280 mm vertical travel Z-axis
### Special equipment and accessories for WABECO Milling Machines

<table>
<thead>
<tr>
<th>Tool holder MT3</th>
<th>Special equipment</th>
</tr>
</thead>
</table>
| ![Image](image1) | • Morse taper MT3 - tightening thread M12  
|                  | • cannot be retrofitted  
|                  | Item no. 11230  
|                  | 199.00 €  
|                  | 416.50 € |

<table>
<thead>
<tr>
<th>Tool holder ISO30</th>
<th>Special equipment</th>
</tr>
</thead>
</table>
| ![Image](image2)  | • Steep taper ISO30 (DIN 2080) - tightening thread M12  
|                  | • cannot be retrofitted  
|                  | Item no. 11231  
|                  | 199.00 €  
|                  | 416.50 € |

<table>
<thead>
<tr>
<th>Ball screws for all 3 axes</th>
<th>Special equipment</th>
</tr>
</thead>
</table>
| ![Image](image3)           | • for high positioning accuracy  
|                            | • high precision pitch and positioning accuracy  
|                            | • wear-free  
|                            | • Down and up milling  
|                            | • cannot be retrofitted  
|                            | • Counterbalance adjustment in the Z-axis (just for F1410)  
|                            | Item no. 11245 for F1200  
|                            | 1,095.00 €  
|                            | 1,368.50 €  
|                            | Item no. 11445 for F1210  
|                            | 1,195.00 €  
|                            | 1,487.50 €  
|                            | Item no. 16445 for F1410  
|                            | 1,795.00 €  
|                            | 2,136.95 € |

<table>
<thead>
<tr>
<th>Extension for Y-travel</th>
<th>Special equipment</th>
</tr>
</thead>
</table>
| ![Image](image4)       | • for larger working range  
|                        | • for Milling Machines F1200 and F1210  
|                        | • max. travel path 180 mm  
|                        | • cannot be retrofitted  
|                        | Item no. 11235  
|                        | 389.00 €  
|                        | 476.00 € |

<table>
<thead>
<tr>
<th>Clockwise and counter clockwise rotation</th>
<th>Special equipment</th>
</tr>
</thead>
</table>
| ![Image](image5)                        | • for thread boring  
|                                        | • only in conjunction with 1.4 kW motor  
|                                        | • cannot be retrofitted  
|                                        | Item no. 11234  
|                                        | 69.00 €  
|                                        | 82.11 € |

<table>
<thead>
<tr>
<th>Mountable digital vernier scales</th>
<th>Special equipment</th>
</tr>
</thead>
</table>
| ![Image](image6)                | • for precise machining of the workpieces  
|                                  | included in delivery  
|                                  | • 3 mountable digital vernier scales for X-, Y- and Z-axis  
|                                  | • Mounting kit for all 3 axes  
|                                  | • factory installed  
|                                  | Item no. 11225 for F1200  
|                                  | 399.00 €  
|                                  | 454.58 €  
|                                  | Item no. 11425 for F1210  
|                                  | 429.00 €  
|                                  | 505.75 € |
### Special equipment and accessories for WABECO Milling Machines

<table>
<thead>
<tr>
<th>Digital position readout (DRO) and 3 optical scales</th>
<th>Special equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>• for exact positioning included in delivery</td>
<td></td>
</tr>
<tr>
<td>• Digital position readout (DRO) for 3 axes</td>
<td>Item no. 11226 for F1200</td>
</tr>
<tr>
<td>• 3 optical scales X- Z- and Z1-axis</td>
<td></td>
</tr>
</tbody>
</table>
| • Mounting kit and protective covers | 1,649.00 €  
| • factory installed | 2,499.00 € |
| Item no. 11426 for F1210 |  
| 1,699.00 € | 2,594.20 € |
| Item no. 16426 for F1410 |  
| 1,699.00 € | 2,594.20 € |

<table>
<thead>
<tr>
<th>Machine base cabinet</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Dimensions W700 x D445 x H850 mm</td>
<td>Item no. 11267</td>
</tr>
</tbody>
</table>
| • with 2 lockable doors and 2 shelves | 419.00 €  
| • weight without packaging 46 kg | 547.40 € |

<table>
<thead>
<tr>
<th>Coolant unit</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Dimensions W700 x D445 x H258 mm</td>
<td>Item no. 11264</td>
</tr>
</tbody>
</table>
| • with feed pump 230 V, 50/60 Hz | 385.00 €  
| • flexible hose with stop valve and nozzle | 476.00 € |
| • Content coolant: 13 Liter |  
| Application |  
| • for cooling and lubrication |  
| • e.g. when processing high-alloy steel and aluminum, improves the surface finish, increases tool endurance, prevents build-up edges |

<table>
<thead>
<tr>
<th>Coolant return plate</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>• for milling machines F1210 and F1410 LF</td>
<td>Item no. 11265</td>
</tr>
</tbody>
</table>
| • is hooked into the coolant unit | 29.90 €  
| | 34.51 € |
## Special equipment and accessories for WABECO Milling Machines

### Control unit and electronic handwheel for automatic feeds

- the control unit and electronic handwheel are used to control the automatic X-, Y- and/or Z-axis feeds
- automatic feed and manual operation selection options
- improved surface quality

**Control unit**
- 230V, 50/60 Hz
- ON/OFF switch
- 3 plug connections for X-, Y- and Z-axis
- 1 plug connection for the electronic handwheel
- in case of an overload and at the end of the traversal path, the control unit deactivates the automatic feed

**Electronic handwheel**
- potentiometer for adjusting the travel speed
- continuous travel speed is infinitely variable
- travel speed 5 - 1500 mm/min
- selector switch for X-, Y- and Z-axes
- push button for selection of the traversal direction
- for safety reasons, the milling machine will only traverse if the push button is pressed

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Price (incl. VAT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11280</td>
<td>439.00 €</td>
</tr>
<tr>
<td>11281</td>
<td>299.00 €</td>
</tr>
<tr>
<td>11282</td>
<td>299.00 €</td>
</tr>
<tr>
<td>11283</td>
<td>299.00 €</td>
</tr>
</tbody>
</table>

### Automatic feed X-axis

- for traveling the X-axis with a stepper motor
- each axis can be retrofitted individually
- mounting by the customer

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Price (incl. VAT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11281</td>
<td>299.00 €</td>
</tr>
</tbody>
</table>

### Automatic feed Y-axis

- for traveling the Y-axis with a stepper motor
- each axis can be retrofitted individually
- mounting by the customer

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Price (incl. VAT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11282</td>
<td>299.00 €</td>
</tr>
</tbody>
</table>

### Automatic feed Z-axis

- for traveling the Z-axis with a stepper motor
- each axis can be retrofitted individually
- mounting by the customer

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Price (incl. VAT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11283</td>
<td>299.00 €</td>
</tr>
</tbody>
</table>
### Special equipment and accessories for WABECO Milling Machines

<table>
<thead>
<tr>
<th>Special equipment</th>
<th>Accessory</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Factory installation of the automatic feeds</strong></td>
<td><strong>Item no. 11284</strong></td>
</tr>
<tr>
<td>• factory installation of the automatic feed axis</td>
<td><strong>45.00 €</strong></td>
</tr>
<tr>
<td>• price per axis</td>
<td><strong>53.55 €</strong></td>
</tr>
<tr>
<td><strong>Mounting bracket for WABECO Milling Machines</strong></td>
<td><strong>Item no. 11238</strong></td>
</tr>
<tr>
<td>• for high speed motors, high frequency spindles, drilling machines etc.</td>
<td><strong>189.00 €</strong></td>
</tr>
<tr>
<td>• with Euronorm mounting Ø 43 mm</td>
<td><strong>201.11 €</strong></td>
</tr>
<tr>
<td>• swiveling feature 90° in both directions</td>
<td></td>
</tr>
<tr>
<td>• outreach 185 mm</td>
<td></td>
</tr>
<tr>
<td>• suitable for WABECO milling machines</td>
<td></td>
</tr>
<tr>
<td><strong>Tool set for WABECO Milling Machines</strong></td>
<td><strong>Item no. 11997</strong></td>
</tr>
<tr>
<td><strong>included in delivery</strong></td>
<td><strong>530.00 €</strong></td>
</tr>
<tr>
<td>• Machine vice 125 mm</td>
<td><strong>831.81 €</strong></td>
</tr>
<tr>
<td>• Mill set “Titanium”-coated 20 pieces</td>
<td></td>
</tr>
<tr>
<td>• Collet set MT2 16 pieces</td>
<td></td>
</tr>
<tr>
<td>• Step clamp set 58 pieces</td>
<td></td>
</tr>
<tr>
<td>• for 12 mm T-slot width M10 thread</td>
<td></td>
</tr>
<tr>
<td>• Quick-action drill chuck clamping width 1-13 mm inner taper B16</td>
<td></td>
</tr>
<tr>
<td>• Drill chuck arbor MT2-M10</td>
<td></td>
</tr>
<tr>
<td><strong>Tool set for WABECO milling machines</strong></td>
<td><strong>Item no. 11999</strong></td>
</tr>
<tr>
<td><strong>included in delivery</strong></td>
<td><strong>320.00 €</strong></td>
</tr>
<tr>
<td>• Machine vice 100 mm</td>
<td><strong>493.85 €</strong></td>
</tr>
<tr>
<td>• Mill set “Titanium”-coated 20 pieces</td>
<td></td>
</tr>
<tr>
<td>• Collet chuck MT2-M10 with key</td>
<td></td>
</tr>
<tr>
<td>• 4 collets Ø 6 - 10 - 12 - 16 mm</td>
<td></td>
</tr>
</tbody>
</table>
WABECO Precision CNC Milling Machines

further information at www.wabeco-remsccheid.de
with nccad controller and milling software
WABECO Precision CNC Milling Machines

✓ **Vertical CNC milling machines** for metal processing

✓ **with nccad controller and milling software**
  - nccad BASIC controller and milling software
  - alternative
    - nccad PROFESSIONAL controller and milling software

✓ **Advantage** - the milling machine can be used in conventional as well as in CNC mode

✓ **Silent running** - Extremely silent running due to modern electronically adjustable drive technology

✓ **Perfect**
  - Tool clamping and ejecting system
  - for clamping and ejecting the tools without extra effort

✓ **Standard equipment**
  - Tool holder MT2

**Special equipment**
- Tool holder MT3 (item no. 11230)
- Tool holder ISO30 (item no. 11231)

✓ **Main drive motor 230 V, 50/60 Hz**
  - 1.4 kW, 140 - 3000 rpm
  - alternative
    - 2.0 kW, 100 - 7500 rpm, frequency-controlled main drive motor

✓ **Guides**

  - **Dovetail guides**
    - free of play adjustable in all axes, 2 protective accordion bellows to protect dovetail guides
    - Results in clean machined surfaces due to fine adjustable, fine tunable dovetail guides

  - **Maintenance-free linear guides**
    - hardened and ground in all axes, with ball bearings
    - high precision and rigidity, high workpiece accuracy
    - improved surface quality
    - 4 protective accordion bellows to protect linear guides
    - results in clean machined surfaces due to fine adjustable, fine tunable dovetail guides

✓ **Application**
  - perfect for hobby, model building, craft and workshop
  - for single and small-series production

✓ **Warranty**
  - 2 years warranty - the warranty does not cover parts subject to wear
  - Availability of spare parts also guaranteed after warranty period

Further information at www.wabeco-remsheid.de
with nccad controller and milling software

CNC Milling Machine CC-F1200
CNC Milling Machine CC-F1200 hs

CNC Milling Machine CC-F1210
CNC Milling Machine CC-F1210 hs

CNC Milling Machine CC-F1410 LF
CNC Milling Machine CC-F1410 LF hs

or in the current WABECO catalog - we shall be pleased to consult with you personally +49 2191 597-0
WABECO Precision CNC Milling Machines

Milling Machine CC-F1200
Item no. 1120050V
4,899.00 € | 6,069.00 €
Main drive power
1.4 kW, 140 - 3000 rpm

Milling Machine CC-F1200 hs
Item no. 1120052V
6,399.00 € | 7,616.00 €
Main drive power
2.0 kW, 100 - 7500 rpm
frequency-controlled main drive motor

Milling Machine CC-F1210
Item no. 1140050V
5,149.00 € | 6,426.00 €
Main drive power
1.4 kW, 140 - 3000 rpm

Milling Machine CC-F1210 hs
Item no. 1140052V
6,649.00 € | 7,973.00 €
Main drive power
2.0 kW, 100 - 7500 rpm
frequency-controlled main drive motor

Work Table
- 450 x 180 mm
- 500 mm longitudinal travel X-axis
- 150 mm transverse travel Y-axis
- 280 mm vertical travel Z-axis

Working range
- 260 mm longitudinal travel X-axis
- 150 mm transverse travel Y-axis
- 280 mm vertical travel Z-axis

Made in Germany
with nccad BASIC controller and milling software

Milling Machine CC-F1410 LF
Item no. 1640050V
7,949.00 € | 9,216.55 €
Main drive power
1.4 kW, 140 - 3000 rpm

Milling Machine CC-F1410 LF hs
Item no. 1640052V
9,449.00 € | 10,763.55 €
Main drive power
2.0 kW, 100 - 7500 rpm
frequency-controlled main drive motor

- nccad BASIC controller
  - Travel speed (rapid traverse) X- and Y-axis 30 - 600 mm/min
  - Travel speed (rapid traverse) Z-axis 30 - 400 mm/min

- nccad BASIC 2½D Software
  2½D Interpolation, i.e. 2 axes can be displaced simultaneously, the 3rd axis can be fed when required

- Program creation
  - for creating programs and for controlling the CNC machine a PC is required
    (PCs are not part of the delivery)
  - the PC assumes the program creation, the program administration and the data archiving
  - CNC programs can be created on several PCs independently from the CNC machine

Note
Upgrading a manual WABECO milling machine with CNC components, connecting a WABECO nccad controller and a PC makes it now a high precision CNC milling machine. To meet industrial standard safety requirements this to CNC converted milling machine should be installed into a machine safety cabin. Please refer to local safety standard requirements. **Without a machine safety cabin a milling machine converted to CNC does not meet CE listed requirements and can result in serious injuries.**
Milling Machine **CC-F1200**

- Item no. 1120011V
- **7,149.00 €** | **8,568.00 €**
- Work Table: 450 x 180 mm
- Working range:
  - 260 mm longitudinal travel X-axis
  - 150 mm transverse travel Y-axis
  - 280 mm vertical travel Z-axis
- Main drive power: 1.4 kW, 140 - 3000 rpm

Milling Machine **CC-F1200 hs**

- Item no. 1120013V
- **8,649.00 €** | **10,115.00 €**
- Work Table: 450 x 180 mm
- Working range:
  - 260 mm longitudinal travel X-axis
  - 150 mm transverse travel Y-axis
  - 280 mm vertical travel Z-axis
- Main drive power: 2.0 kW, 100 - 7500 rpm
- Frequency-controlled main drive motor

Milling Machine **CC-F1210**

- Item no. 1140011V
- **7,399.00 €** | **8,925.00 €**
- Work Table: 700 x 180 mm
- Working range:
  - 500 mm longitudinal travel X-axis
  - 150 mm transverse travel Y-axis
  - 280 mm vertical travel Z-axis
- Main drive power: 1.4 kW, 140 - 3000 rpm

Milling Machine **CC-F1210 hs**

- Item no. 1140013V
- **8,899.00 €** | **10,472.00 €**
- Work Table: 700 x 180 mm
- Working range:
  - 500 mm longitudinal travel X-axis
  - 150 mm transverse travel Y-axis
  - 280 mm vertical travel Z-axis
- Main drive power: 2.0 kW, 100 - 7500 rpm
- Frequency-controlled main drive motor

Further information at www.wabeco-remscheid.de
with nccad PROFESSIONAL milling software

Milling Machine CC-F1410 LF
Item no. 1640011V

10,099.00 € | 11,715.55 €
Main drive power
1.4 kW, 140 - 3000 rpm

Milling Machine CC-F1410 LF hs
Item no. 1640013V

11,599.00 € | 13,262.55 €
Main drive power
2.0 kW, 100 - 7500 rpm
frequency-controlled main drive motor

✅ nccad PROFESSIONAL controller
Travel speed (rapid traverse)
X- and Y-axis 30 - 1200 mm/min - Z-axis 30 - 800 mm/min

✅ nccad PROFESSIONAL 3D software
3D interpolation, i.e. 3 axes can be displaced simultaneously, the 4th axis used for controlling the NC-rotary table

✅ Ball screws
are required for the utmost positioning accuracy with nccad PROFESSIONAL

✅ Additional functions
- higher travel speeds compared to nccad basic controller
- automated production through the use of the NC-rotary table in CNC mode (optional)
- the use of an electronic handwheel (optional)

✅ Program creation
- for creating programs and for controlling the CNC machine a PC is required
  (PCs are not part of the delivery)
- the PC assumes the program creation, the program administration and the data archiving
- CNC programs can be created on several PCs independently from the CNC machine

Note
Upgrading a manual WABECO milling machine with CNC components, connecting a WABECO nccad controller and a PC makes it now a high precision CNC milling machine. To meet industrial standard safety requirements this to CNC converted milling machine should be installed into a machine safety cabin. Please refer to local safety standard requirements. Without a machine safety cabin a milling machine converted to CNC does not meet CE listed requirements and can result in serious injuries.

or in the current WABECO catalog - we shall be pleased to consult with you personally +49 2191 597-0
## Special equipment and Accessories for WABECO CNC Milling Machines

<table>
<thead>
<tr>
<th>Extension for Y-travel</th>
<th>Special equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>for larger working range</strong></td>
<td>Item no. 11235</td>
</tr>
<tr>
<td>for milling machines CC-F1200 and CC-F1210</td>
<td>389.00 € 476.00 €</td>
</tr>
<tr>
<td>max. travel path 180 mm</td>
<td></td>
</tr>
<tr>
<td>cannot be retrofitted</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ball screws for all 3 axes</th>
<th>Special equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>for high positioning accuracy</strong></td>
<td>Item no. 11245 for CC-F1200</td>
</tr>
<tr>
<td>high precision pitch and positioning accuracy</td>
<td>1,095.00 € 1,368.50 €</td>
</tr>
<tr>
<td>wear-free</td>
<td>Item no. 11445 for CC-F1210</td>
</tr>
<tr>
<td>Down and up milling</td>
<td>1,195.00 € 1,487.50 €</td>
</tr>
<tr>
<td>cannot be retrofitted</td>
<td>Item no. 16445 for CC-F1410</td>
</tr>
<tr>
<td>Counterclockwise adjustment in the Z-axis (just for CC-F1410)</td>
<td>1,795.00 € 2,136.95 €</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tool holder MT3</th>
<th>Special equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Morse taper MT3 - tightening thread M12</strong></td>
<td>Item no. 11230</td>
</tr>
<tr>
<td><strong>cannot be retrofitted</strong></td>
<td>199.00 € 416.50 €</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tool holder ISO30</th>
<th>Special equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Steep taper ISO30 (DIN 2080) - tightening thread M12</strong></td>
<td>Item no. 11231</td>
</tr>
<tr>
<td><strong>cannot be retrofitted</strong></td>
<td>199.00 € 416.50 €</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Digital position readout (DRO) and 3 optical scales</th>
<th>Special equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>for exact positioning</strong></td>
<td>Item no. 1120226 for CC-F1200</td>
</tr>
<tr>
<td>included in delivery</td>
<td>1,649.00 € 2,499.00 €</td>
</tr>
<tr>
<td>Digital position readout (DRO) for 3 axes</td>
<td>Item no. 1140426 for CC-F1210</td>
</tr>
<tr>
<td>3 optical scales X-, Y- and Z-axis</td>
<td>1,699.00 € 2,594.20 €</td>
</tr>
<tr>
<td>Mounting kit and protective covers</td>
<td>Item no. 1640426 for CC-F1410</td>
</tr>
<tr>
<td>factory installed</td>
<td>1,699.00 € 2,594.20 €</td>
</tr>
</tbody>
</table>
### Machine safety cabin

<table>
<thead>
<tr>
<th>Item no. 1140090</th>
<th>Special equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,599.00 €</td>
<td>1,844.50 €</td>
</tr>
<tr>
<td><strong>for CNC milling machines CC-F1200 and CC-F1210</strong></td>
<td></td>
</tr>
<tr>
<td><em>with integrated coolant unit</em></td>
<td></td>
</tr>
<tr>
<td><em>Content coolant 42 Liter</em></td>
<td></td>
</tr>
<tr>
<td><em>Dimensions W1500 x D700 x H475 mm</em></td>
<td></td>
</tr>
<tr>
<td><em>cannot be retrofitted</em></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item no. 1140090</th>
<th>Special equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,849.00 €</td>
<td>2,082.50 €</td>
</tr>
<tr>
<td><strong>for CNC milling machines CC-F1410 LF</strong></td>
<td></td>
</tr>
<tr>
<td><em>with integrated coolant unit</em></td>
<td></td>
</tr>
<tr>
<td><em>Content coolant 58 Liter</em></td>
<td></td>
</tr>
<tr>
<td><em>Dimensions W1530 x D950 x H475 mm</em></td>
<td></td>
</tr>
<tr>
<td><em>cannot be retrofitted</em></td>
<td></td>
</tr>
</tbody>
</table>

### Machine base cabinet

<table>
<thead>
<tr>
<th>Item no. 10267</th>
<th>Special equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>495.00 €</td>
<td>624.75 €</td>
</tr>
<tr>
<td><strong>for machine safety cabin</strong></td>
<td></td>
</tr>
<tr>
<td><em>Item no. 1140090</em></td>
<td></td>
</tr>
<tr>
<td><em>Dimensions W1060 x D445 x H850 mm</em></td>
<td></td>
</tr>
<tr>
<td><em>with 2 lockable doors and 2 shelves</em></td>
<td></td>
</tr>
<tr>
<td><em>Weight without packaging 58 kg</em></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item no. 11270</th>
<th>Special equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>779.00 €</td>
<td>880.60 €</td>
</tr>
<tr>
<td><strong>for machine safety cabin</strong></td>
<td></td>
</tr>
<tr>
<td><em>Item no. 1640090</em></td>
<td></td>
</tr>
<tr>
<td><em>Dimensions W1000 x D700 x H850 mm</em></td>
<td></td>
</tr>
<tr>
<td><em>with 2 lockable doors and 2 shelves</em></td>
<td></td>
</tr>
<tr>
<td><em>Weight without packaging 76 kg</em></td>
<td></td>
</tr>
</tbody>
</table>

### Industrial monitor with membrane keyboard

<table>
<thead>
<tr>
<th>Item no. 1140095</th>
<th>Special equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,999.00 €</td>
<td>3,510.50 €</td>
</tr>
<tr>
<td><strong>ergonomic control unit housing with integrated machine operating elements</strong></td>
<td></td>
</tr>
<tr>
<td><em>with swiveling support arm</em></td>
<td></td>
</tr>
<tr>
<td><em>replaces PC monitor and keyboard</em></td>
<td></td>
</tr>
<tr>
<td><em>a PC is not part of the delivery</em></td>
<td></td>
</tr>
<tr>
<td><em>only available with machine safety cabin</em></td>
<td></td>
</tr>
<tr>
<td><em>cannot be retrofitted</em></td>
<td></td>
</tr>
</tbody>
</table>
## Special equipment and Accessories for WABECO CNC Milling Machines

<table>
<thead>
<tr>
<th>Machine base cabinet</th>
<th>Accessories</th>
</tr>
</thead>
</table>
| ![Machine base cabinet](image1.png) | Dimensions W700 x D445 x H850 mm  
with lockable door and 2 shelves  
Weight without packaging 46 kg  
Item no. 11267 | 419.00 €  
547.40 € |

<table>
<thead>
<tr>
<th>Coolant unit</th>
<th>Accessories</th>
</tr>
</thead>
</table>
| ![Coolant unit](image2.png) | Dimensions W700 x D445 x H258 mm  
with feed pump 230 V, 50/60 Hz  
flexible hose with stop valve and nozzle  
Content coolant: 13 Liter  
Application  
for cooling and lubrication  
e.g. when processing high-alloy steel and aluminum, improves the surface finish, increases tool endurance, prevents build-up edges  
Item no. 11264 | 385.00 €  
476.00 € |

<table>
<thead>
<tr>
<th>Coolant return plate</th>
<th>Accessories</th>
</tr>
</thead>
</table>
| ![Coolant return plate](image3.png) | for milling machines CC-F1210 and CC-F1410 LF  
is hooked into the coolant unit  
Item no. 11265 | 29.90 €  
34.51 € |

<table>
<thead>
<tr>
<th>NC-rotary table</th>
<th>Accessories</th>
</tr>
</thead>
</table>
| ![NC-rotary table](image4.png) | for 4-axes machining  
can only be used in conjunction with ncncad professional controller and milling software  
the NC-rotary table is indispensable for rotational machining in one clamping position  
can be mounted to the work table vertically or horizontally  
for safety reasons only available with machine safety cabin  
Item no. 1140085 | 849.00 €  
1,069.10 € |
### Special equipment and Accessories for WABECO CNC Milling Machines

<table>
<thead>
<tr>
<th>Electronic handwheel</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Electronic handwheel" /></td>
<td>Item no. 1140130</td>
</tr>
<tr>
<td>• for manually moving the axes</td>
<td>649.00 €</td>
</tr>
<tr>
<td>• can only be used in conjunction with nccad professional controller and milling software</td>
<td>702.10 €</td>
</tr>
<tr>
<td>• for 3 axes</td>
<td></td>
</tr>
<tr>
<td>• used for the positioning of the axes during the setup mode (workpiece zero point)</td>
<td></td>
</tr>
</tbody>
</table>

or in the current WABECO catalog - we shall be pleased to consult with you personally +49 2191 597-0
Exhibition dates 2020

Internationale Handwerksmesse München
11.03.2020 - 15.03.2020

Faszination Modellbau Friedrichshafen
30.10.2020 - 01.11.2020

Heim und Handwerk München
25.11.2020 - 29.11.2020

For detailed technical descriptions please refer to our current WABECO main catalog or the web shop at wabeco-rs.de. All price indications include the currently valid VAT. For foreign customers from the EU member states with valid VAT ID no. as well as from European non-member countries the VAT does not apply. All offers are without engagement. Our general terms and conditions apply (GTC), available at www.wabeco-rs.de or in the WABECO main catalog.

Personal tours

You are cordially invited to visit our showroom in Remscheid. Come and convince yourself of the quality and precision of the WABECO machines and reap the benefits of a thorough consultation.

Special machine construction

We also offer special machine construction. Please contact us.

Catalog and Brochures

order for free

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