



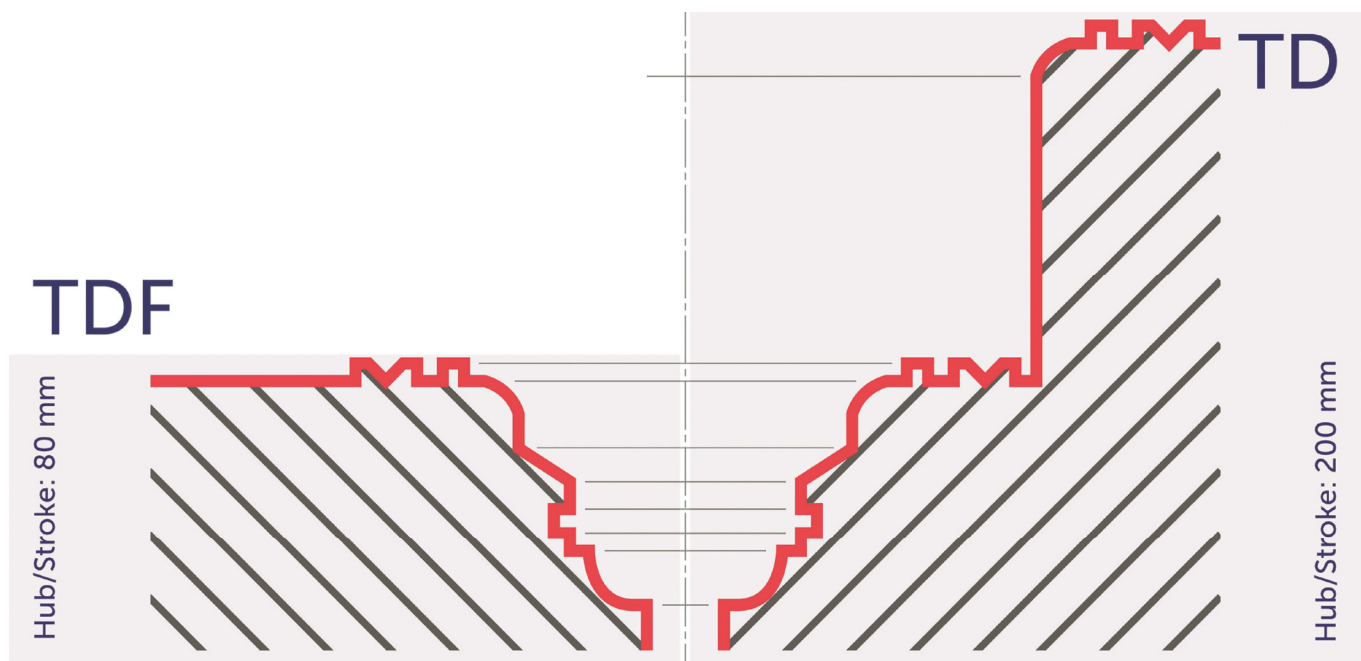
# EFCO | NC SERIES

**T**he lathes in the NC series open up an almost infinite number of surface machining options. We also achieve a completely new quality standard in flange and valve seat machining.

Because of the pre-programmed processing cycles, the TDF NC and TD-2T NC special machines are ready for use immediately, and can be operated after just a small amount of instruction and no previous CNC programming knowledge.

Of course, you can also supplement the program package with your own CNC programs.

The comprehensive range of machining options for our portable lathes is impressive. Whereas the machines in the TDF NC series are optimised for machining flanges, the TD-2T NC series is suitable for working on valve seats at an immersion depth of 600 mm or more.



| Machining options with the EFCO NC lathes



# PRE-PROGRAMMED OPERATION

More than 10 standard programs are available for the new NC series, making it possible to perform almost any standard task without needing special previous knowledge of lathe programming. These include:



- Facing,
- Taper turning,
- Radius turning,
- Hole turning,
- Grooving (axial).



| Siemens CNC control panel

## EFCO|TD-2T NC

In addition to grooving, hole machining is the other speciality of the TD-2T NC. The immersion depth of the machine can be even be increased beyond 600 mm using optionally available accessories.



| Turning result of a funnel-shaped converging valve seat

### | TD-2T NC Technical Data\*

|                          |                               |                          |
|--------------------------|-------------------------------|--------------------------|
| <b>Turning Range I</b>   | up to 200 mm operation depth  | 0 – 800 mm               |
| <b>Turning Range II</b>  | up to 600 mm operation depth  | 179 – 600 mm             |
| <b>Feeds</b>             | Travel Distance of the X-Axis | 90 mm max                |
|                          | Feed (infinitely variable)    | 0 – 70 mm/min            |
|                          | Travel Distance of the Z-Axis | 200 mm                   |
|                          | Feed (infinitely variable)    | 0 – 300 mm/min           |
| <b>Clamping Diameter</b> | Short Clamping Arms           | 400 mm – 650 mm          |
|                          | Long Clamping Arms            | 640 mm – 1200 mm         |
| <b>Spindle Speed</b>     |                               | 0 – 150 U/min            |
| <b>Power Supply</b>      | Electrical                    | 380 V – 480 V/50 – 60 Hz |

\* Technical details are subject to change without prior notice.



| EFCO TD-2T with immersion depth extension