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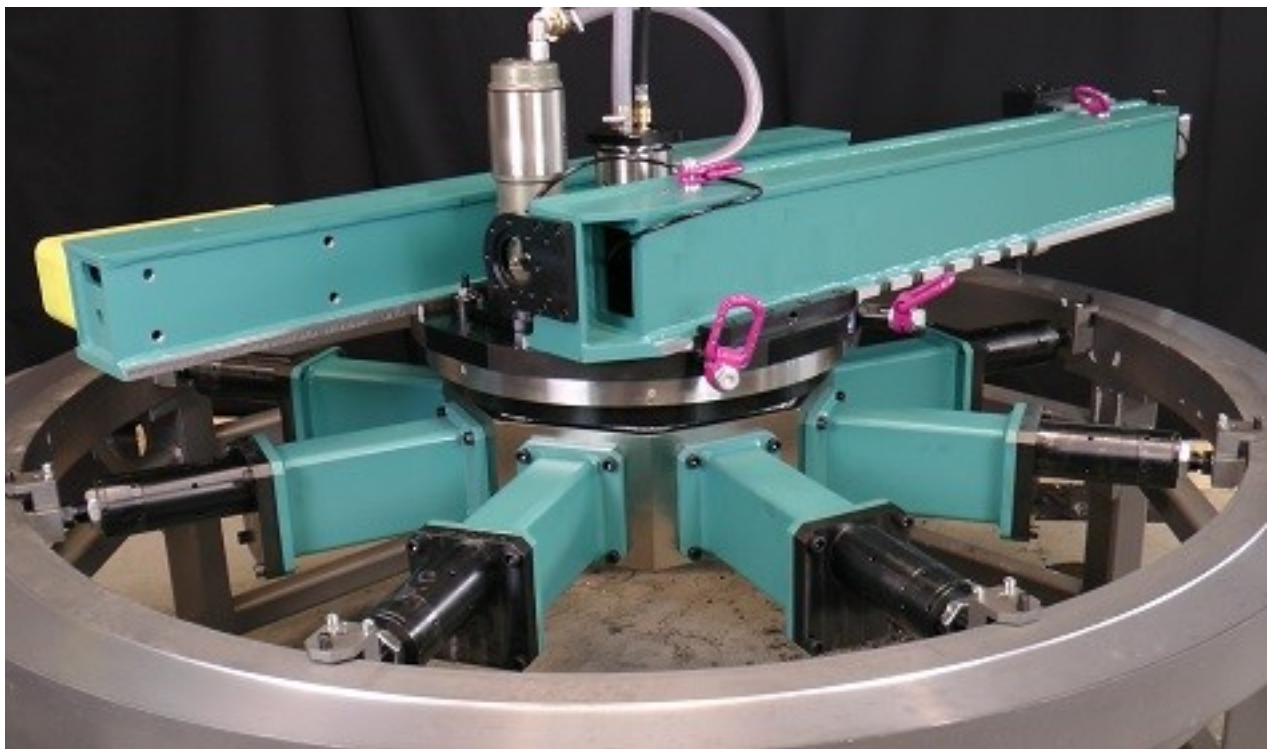
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## **Model TFD - INSIDE CLAMPING FLANGE GROOVING- / FACING MACHINES**

Electric / Pneumatic / Hydraulic  
for Facing / Grooving / Milling  
from sealing surfaces / slewing rings.



With the TFD Flange Facers, damaged or distorted flange surfaces can be easily cleaned up. Depending on the operation (turning or milling or grinding) one can select all values of surface roughnesses.

A radial feeding system is also built on the machine for all types of drive.

Because the radial feed is adjustable, all roughnesses of the sealing surface can be realized.

Depending on the application, the mentioned drives are available and the machine can be built from simple to CNC controlled.

The machines are supplied with an extensive set of extension clamping legs for the entire clamping range of the machine as well as the various tools and all together in a wooden storage / transport box. A second box is required for the electric or hydraulic drive.

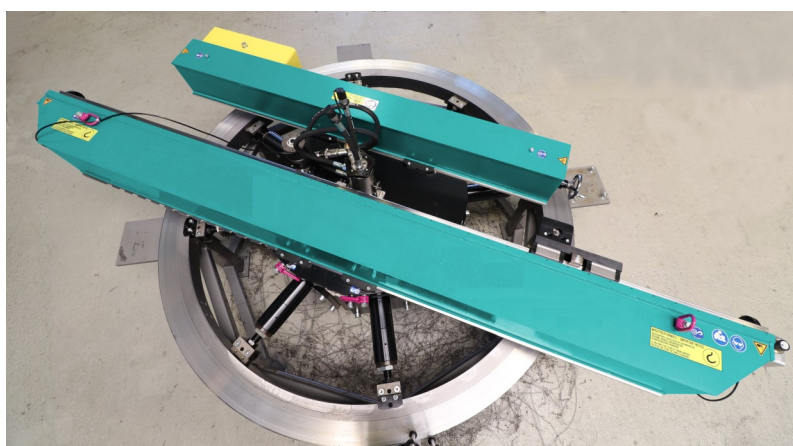
for

- heat exchanger manufacturing • offshore constructions
- apparatus manufacture • equipment constructions
- shipbuilding • machine construction • pipeline construction

# Technical specifications

## TFD - flange facing machines I.D.

Model	TFD 1500	TFD 2000
Min. Clamping range	295 mm I.D.	710 mm I.D.
Max. Clamping range	1480 mm I.D.	2040 mm I.D.
Min. Turning range	300 mm	710 mm
Max. Turning range	1500 mm *	2050 mm *
Power	P / H **	P / H / S-E **



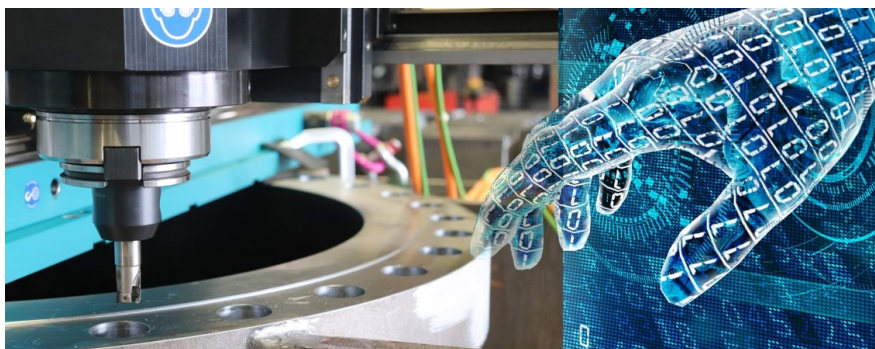
Model	TFD 3000	TFD 5000
Min. Clamping range	1100 mm I.D.	1100 mm I.D.
Max. Clamping range	2890 mm I.D.	4500 mm I.D.
Min. Turning range	1150 mm	1150 mm
Max. Turning range	3100 mm *	5050 mm *
Power	P / H / S-E **	P / H / S-E **

\* Depending on work.

\*\* Pneumatic / Hydraulic / Servo motor Electrical.

### ACCESSORIES:

- support for facing
- support for parting and beveling
- support with milling drive
- support with grinding drive



Inform for rental / purchase possibilities from the TFD flange facers  
or ask for a demonstration.