

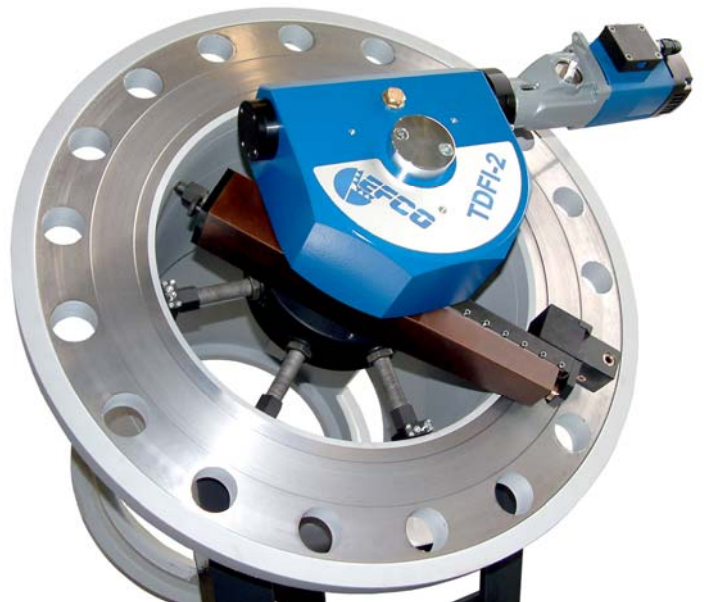
TDFI-2

Portable flange facer with internal clamping

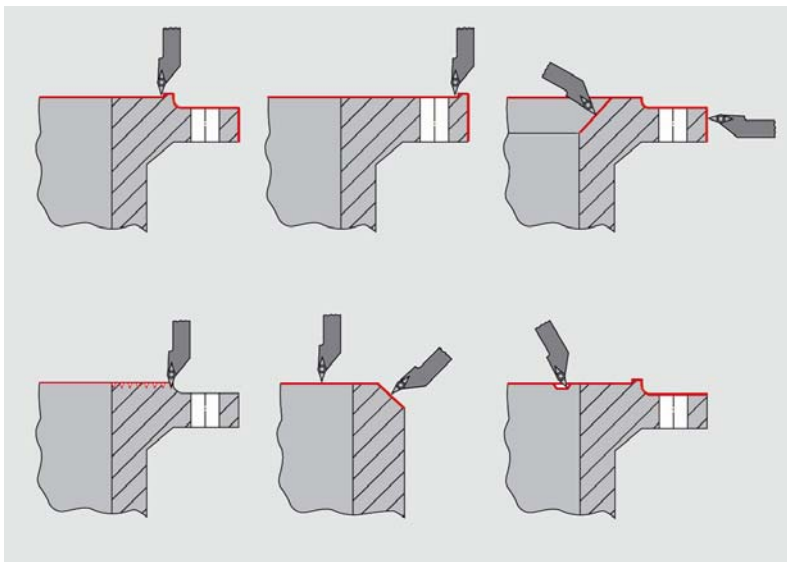
Because of the continuously increasing pressure to reduce costs in the industrial maintenance area, additional demands are being made of the machinery and tools that are required. Because of the flat design and light weight, the mobile, portable flange facer with internal clamping is suitable for making repairs on-site.

The EFCO TDFI-2 machine is particularly suitable for machining:

- Flanges of any kind
- Fitting housings
- Container flanges
- Heat exchangers
- Shipbuilding fittings
- Columns in refineries and the chemical industry
- Smooth and spirally grooved flange sealing surfaces



Numerous machining options



QUALITY, RELIABILITY AND INNOVATIVE TECHNOLOGY

Machine description

The TDFI-2 consists of the clamping device, gearbox housing, drive and facing head assemblies.

As an independent assembly, the **clamping device** is first **fitted separately** in the hole of the part to be machined, and clamped

=> **Light weight – better handling.**

With the **simply designed chucking and adjusting system** the clamping device can be aligned so that is centric and level with the flange within a short time.



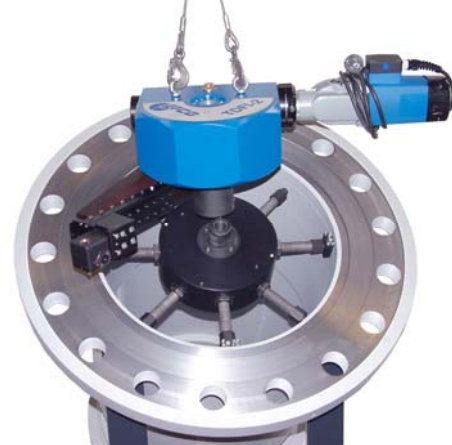
Inserting and aligning the clamping device

Subsequently the **gearbox housing incl. drive and facing head** are easy to fit to the clamping device.

Installation can normally be carried out by just one person.

The facing head has **3 automatic radial feeds** for finishing and roughing work and for cutting spiral grooves.

Power can be provided by either an electric motor or a compressed air motor.



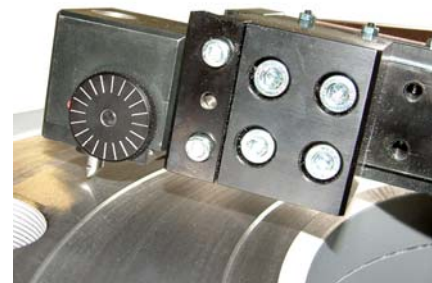
Fitting the gearbox housing

Plenty of accessories

The scope of delivery of the machine includes all of the tools and measuring materials that are needed for installation and alignment. The machine is also equipped with a range of different turning plate holders and appropriate cutting plates.

Technical data *

Machining -Ø:	400 - 1200 mm
Clamping -Ø:	400 - 1000 mm
Height of machine:	330 mm
Radial feeds	0,06 / 0,1 / 1,0 mm/U
Radial stroke (facing head):	100 mm
Axial tool feed:	max. 20 mm
Spindle speed:	0 - 58 min ⁻¹
Overall weight:	approx. 150kg
Drive:	electric or pneumatic



* other versions on request

Subject to technical change.

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