

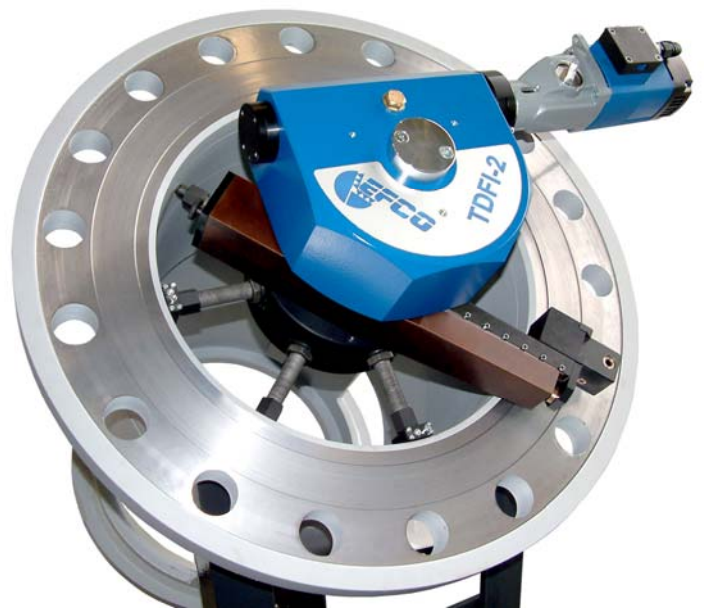
TDFI-2

Portable Flange Facer with Internal Clamping

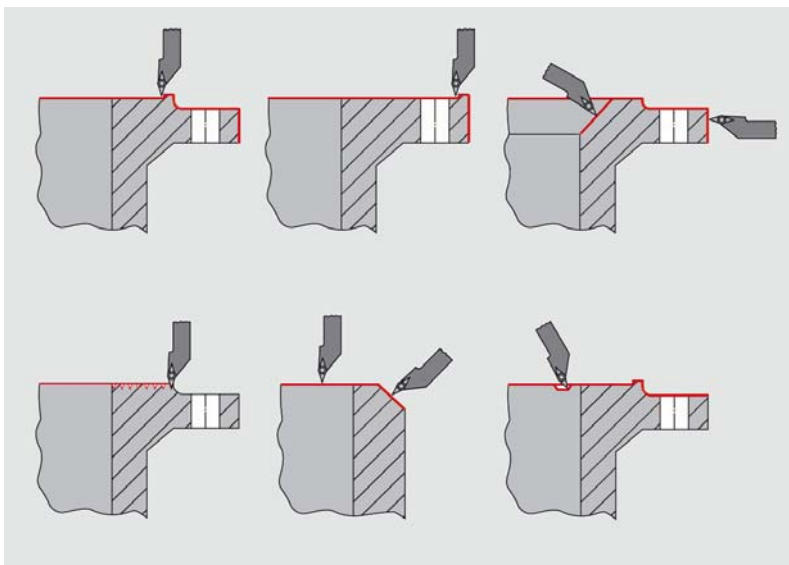
With its low profile and light weight, the mobile, portable flange facer with internal clamping is very suitable for making repairs on-site.

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

- Flanges of any kind
- Valve Bodies
- Heat exchangers
- Shipbuilding fittings
- Fractionating Columns in refineries & the chemical industry
- Smooth and spirally grooved flange sealing surfaces



Numerous machining options





Machine Mounting Description

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

The **clamping device** is an independent component, **mounted separately** into the opening of the part to be machined.

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

The **straightforward design** of the clamping device allows for easy installation and alignment within a short period of time.



Inserting and aligning the clamping device

Afterwards, the **gearbox housing (incl. drive and facing head)** are easily fitted to the clamping device. Installation can normally be carried out by just one person.

The facing head has **3 automatic radial feeds** to obtain the required surface finish (phonographic or smooth).

Choice of electric drive or compressed air drive motor.



Fitting the gearbox housing

Consumables & Accessories

The machine comes complete with all tooling and measuring devices needed for installation and alignment and an assortment of tool holders and indexable inserts.

Technical data *

Machining -Ø:	15.75 – 47"	400 - 1200 mm
Clamping -Ø:	15.75 – 39"	400 - 1000 mm
Height of machine:	13"	330 mm
Radial feeds:	0.002 / 0.004 / 0.04 inch/rev.	0.06 / 0.1 / 1.0 mm/U
Radial stroke (facing head):	3.94"	100 mm
Axial tool feed:	0.79" max.	max. 20 mm
Spindle speed:	0 - 58 min ⁻¹	0 - 58 min ⁻¹
Overall weight:	ca. 330 lbs	approx. 150kg
Drive:	electric or pneumatic	

* Customized version upon request



Subject to technical change.

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