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

Innovative Technology – Made by EFCO – In Germany
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.

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.

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

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**QUALITY, RELIABILITY, AND INNOVATIVE TECHNOLOGY**