

# THEGAW MANUAL FLANGE FACING MACHINE

Our portable flange facing tools are engineered to deliver reliable performance in the most demanding environments. The TGMFF-350 is part of our manual flange machining solutions, designed for on-site flange surface restoration where conventional power or air sources are unavailable.

Our machines feature an internal clamping system that mounts securely within the flange pipe, enabling precise and stable cutting. With a lightweight and compact design, TGMFF-350 ensures ease of transport, quick installation, and simple operation, making it the ideal choice for field maintenance and emergency repairs.

By eliminating the need for external power, our manual solutions offer a cost-effective alternative that minimizes downtime and reduces on-site maintenance costs.



## TECHNICAL DATA SHEET

MODEL	TGMFF-350
Inner Diameter (Machine Installation Range)	25-350 mm
Outer Diameter (Processing Range)	25-254 mm
Power	Manual
Radial Feed (Horizontal)	0.1 mm/r, 0.4 mm/r automatic
Axial Feed (Vertical)	Manual
Planeness (mm)	</ 0.1mm
Roughness (Ra)	Ra 3.2-6.3
Radial Feed Stroke	55 mm

## KEY FEATURES AND CHARACTERISTICS

- **Power-Free Operation:** Designed for environments without electricity or gas, ideal for manual operation and small-diameter flange repair directly at the site.
- **Lightweight & Durable:** Constructed of high-strength materials with a compact structure, making the machine easy to handle and operate in confined or remote areas.
- **Versatile Clamping & Range:** Equipped with an adjustable tool holder and internal clamping mechanism, suitable for machining flange diameters ranging from 25 mm to 350 mm.
- **Automatic Centering:** The Centering system supports the machine on the inner wall of the flange hole, ensuring optimal concentricity during operation.
- **Adjustable Feed Mechanism:** By replacing the lead screw, users can set an appropriate feed rate, allowing the machine to perform both mirror finishes and water-line (spiral) textures as required.