

THEGAW FLANGE FACING MACHINE

To ensure the flange joints, damages are removed using a known as a flange-facing machine. During assembly and mobilization, the flanges get damaged very often either by scratching or dents on the sealing surface.

Flange facing is the most important job during maintenance and shutdown activities which provides them with a spiral-grooved finish to be leakless as liquid flows in high pressure. The cutting tool often travels in a spiral path across the flange and reduces the damage from the flange by flattening the surface.



TECHNICAL DATA SHEET

MODEL	FACING RANGE(O.D)		MOUNTING RANGE(I.D)		TOOL STROKE	SWIVEL ANGLE Degrees	ROTATION SPEED
	IMPERIAL	METRIC	IMPERIAL	METRIC			
AFF20	2"-24"	50MM-610MM	2"-20"	50MM-508MM	50MM	±30	44RPM
AFF40	6"-40"	160MM-1000MM	6"-32"	158MM-820MM	102MM	±30	35RPM
AFF60	20"-66"	500MM-1650MM	20"-60"	500MM-1500MM	102MM	±30	23RPM
AFF80	27"-88"	690MM-2200MM	27"-80"	690MM-2000MM	102MM	±360	22RPM
AFF120	46"-120"	1150MM-3000MM	44"-112"	1120MM-2800MM	102MM	±360	15RPM

FEATURES

- Compact structure, Light weight, easy to carry out.
- Have scale of feed handwheel, improve feed accuracy
- Automatic feeding in the axial direction and the radial direction.
- Horizontal, vertical, inverted, tilt, etc, or any direction can processed.
- Can process flat face, water line, Continuous groove, RTJ groove, etc.
- Driven: Pneumatic, Hydraulic, Electric

BENEFITS OF FLANGE FACING

- Our Machining solutions concentrate on enhancing the integrity of flange connections and ensuring operational efficiency.
- We focus on restoring the flange surface to prolong the equipment's lifespan and reduce its cost.

ENVIRONMENTAL SUSTAINABILITY FEATURES

- Waste Reduction: Minimizes the need for replacement parts, reducing waste generation and promoting resource conservation.
- Energy Efficiency: Requires less energy compared to replacing flange components entirely, contributing to lower energy consumption and reduced carbon footprint.
- Emissions Reduction: Avoids the environmental impact associated with manufacturing and disposing of new flange components, leading to a cleaner and greener operation.