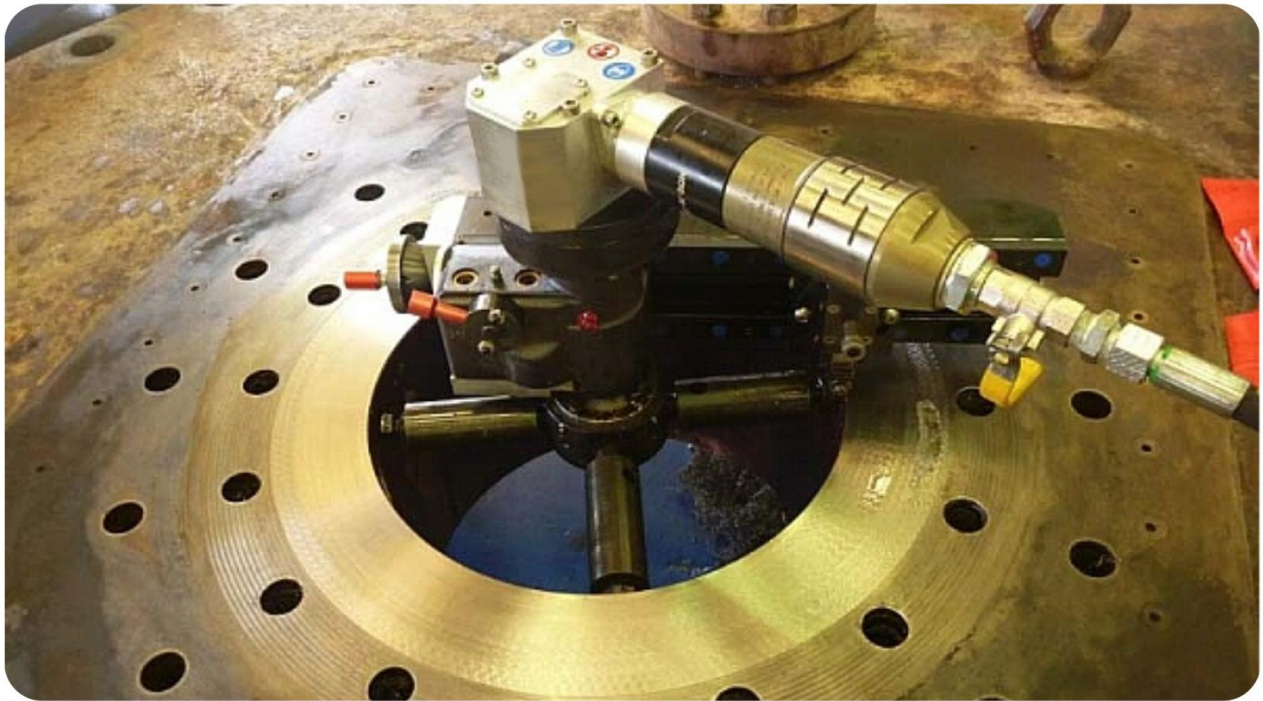


# ID MOUNTED FLANGE FACING MACHINE

## MAIN PERFORMANCE

The flange face processing machine is a high-precision and high-efficiency machine. Machine using the latest linear and ball screw technology. The machine adopts an internal clamping method with a small working radius. It is fixed in the middle of a pipe or flange. It is used to process the inner hole, outer circle, flange end face and various forms of sealing surface (RF, RTJ, etc.) of the flange. Seal groove processing etc.



## FEATURES

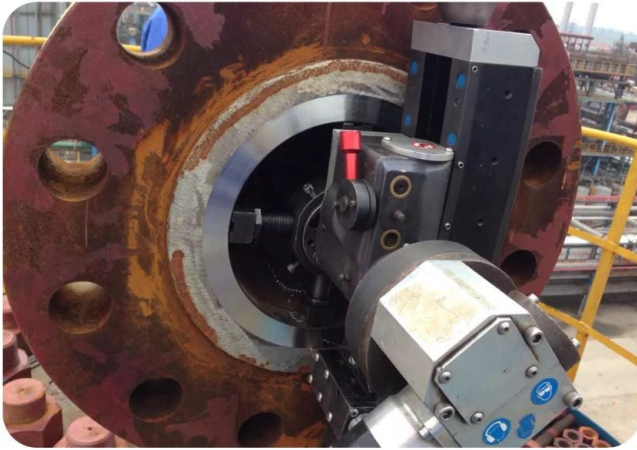
1. Compact design, light weight, easy to carry out
2. Modular design, easy to operation
3. Internal mounted, small working radius
4. Working direction no limited, high efficiency
5. Can manual or Automatic Feed, high accuracy
6. Can process flange inner hole, flat face water line, continuous groove, outer circle and various sealing surfaces (RF, RTJ, etc.)
7. The machine widely used in the repair of flange sealing surface, repair and processing of flange Surface of various metal materials such as cast iron, alloy structural steel and stainless steel.



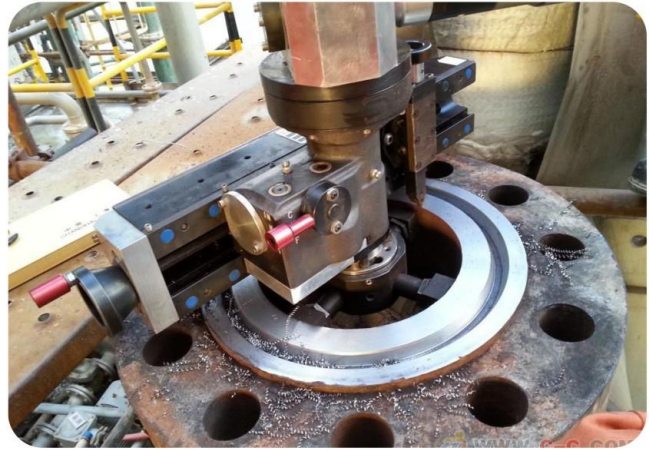


## CAPACITY

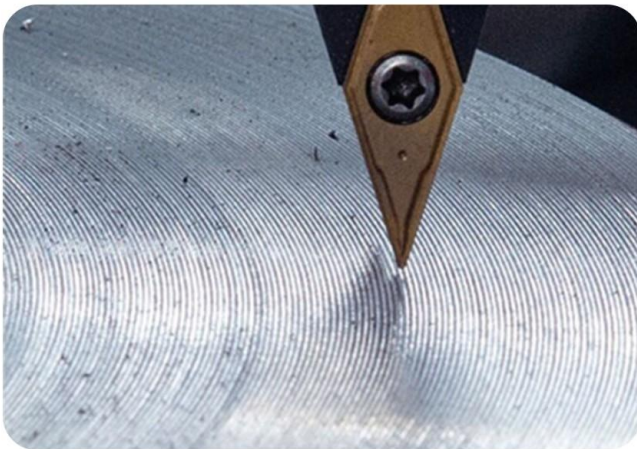
1. Flange surface
2. Seal groove (RF, RTJ, etc.)
3. Flange spiral sealing line
4. Flange concentric circle sealing line



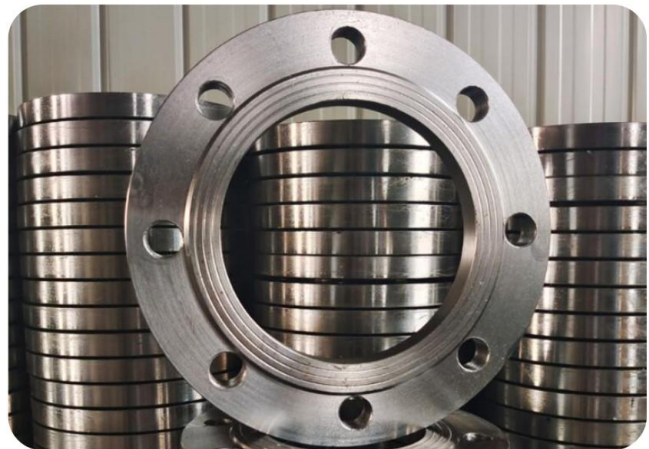
Flange surface



Seal groove (RF, RTJ, etc.)



Flange spiral sealing line

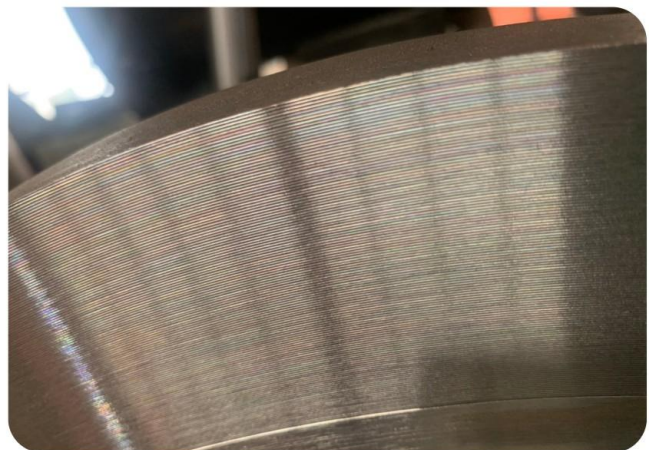


Flange concentric circle sealing line

## Tooth spacing can be adjusted



Coarse teeth



Fine teeth

# SPECIFICATION

Model	Spec.	Facing Range(O.D)	Mounting Range(I.D)	Tool Feed Stroke	Tool holder Swivel Angle	Rotation Speed
WFP	610	50-610mm	50-508mm	50mm	+30°	0-42r/min
	1000	160-1000mm	158-820mm	102mm	+30°	0-33r/min
WFS	1650	500-1650mm	500-1500mm	102mm	+30°	0-22r/min
	2000	690-2200mm	690-2000mm	102mm	+360°	0-20r/min
	3000	1150-3000mm	1120-2800mm	102mm	+360°	3-12r/min

Note: Pneumatic (WFP)  
 Servo Motor – Electric (WFS)

## Power supplies

Pneumatic:

Air pressure : 0.8-1.0Mpa

Air consumption : 2000L/min

Servo Motor – Electric :

Voltage : 1PH 220V

Frequency: 50Hz

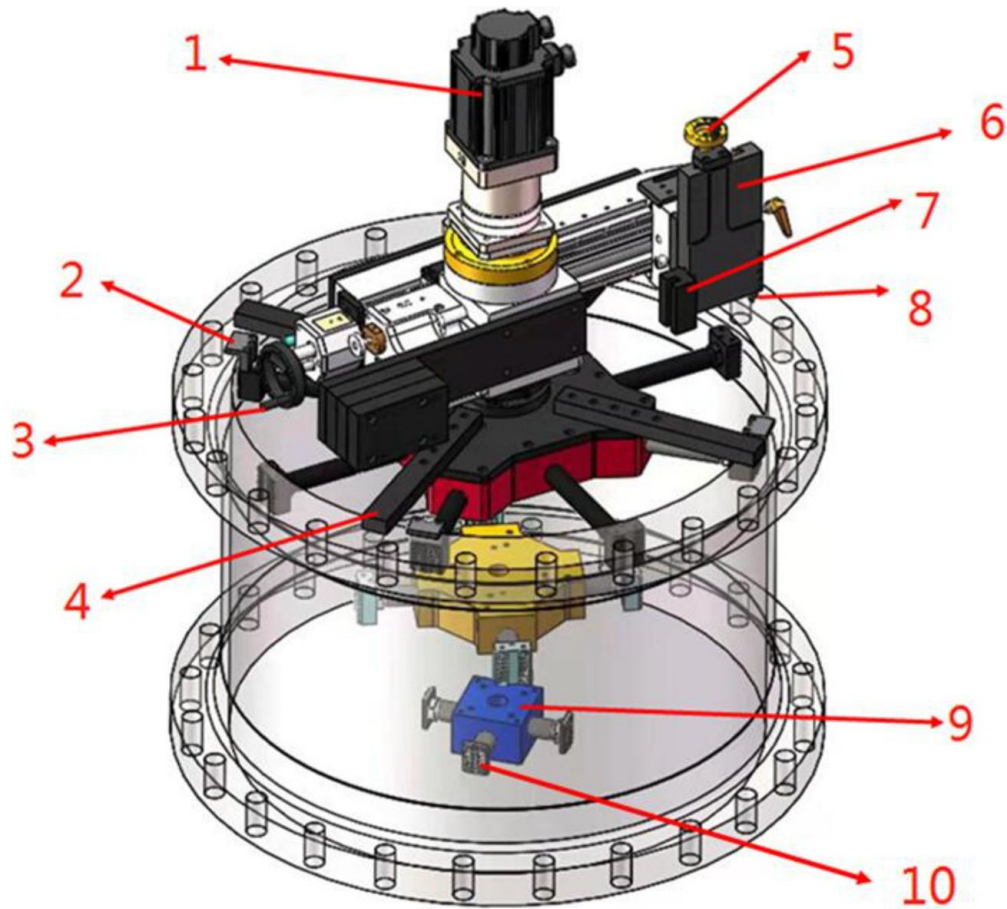
Power supply : 750-2000W

Note: Different models are equipped with different power





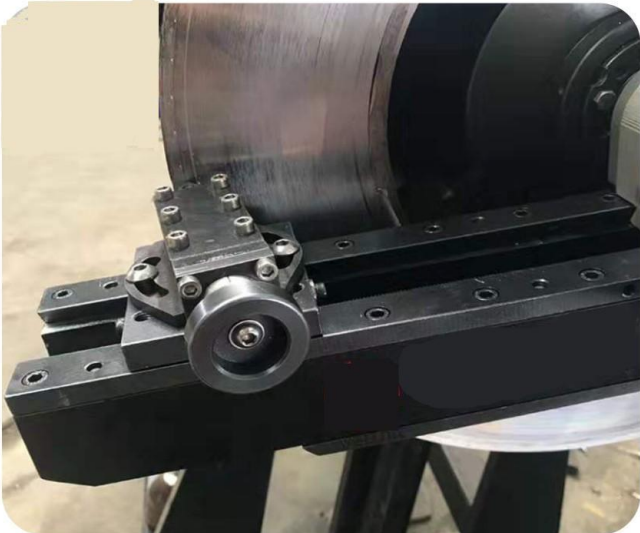
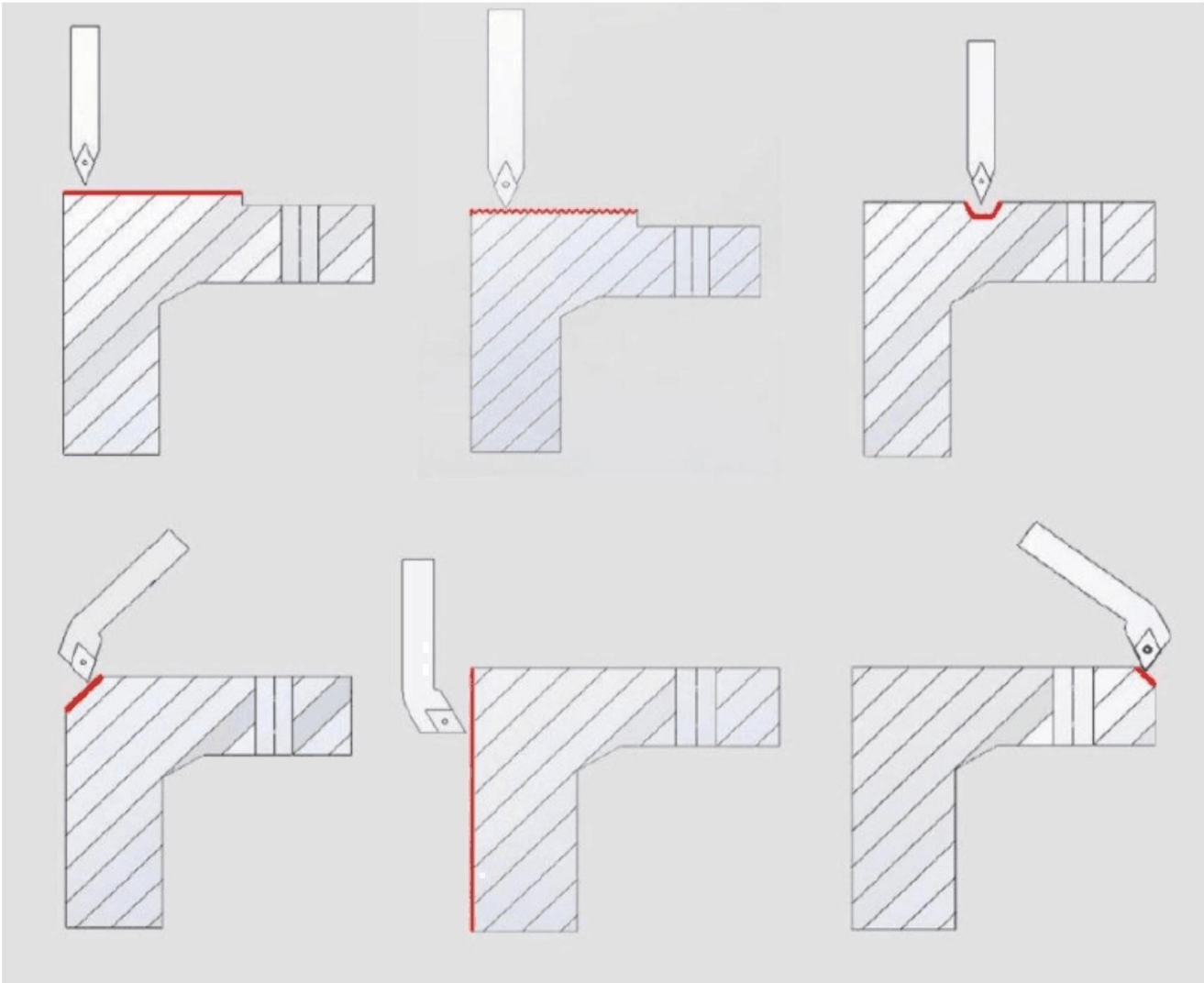
## Machine composition architecture



No	Parts Name	No	Parts Name
1	Servo Motor	6	Tool holder
2	Slight Adjustment Block	7	Blades holder
3	Transverse Feed Handle	8	Blades
4	Balance Ruler	9	Expansion Block Base
5	Longitudinal Feed Handle	10	Expansion Block

According to the size of the inner hole of the workpiece, choose a suitable Expansion Block Base (No.9)

# Machining Form



## Packing list

Item	Parts Name	QTY	Remarks
1	Host and knife arm	1	pc
2	Base	3	sets
3	Special tool	1	set
4	Air motor	1	pc
5	Counterweight	1	set
6	filter	1	set
7	Packing box	1	pc
8	Random special tools	1	set
9	blade	3	pcs
10	Vertical feed accessories	1	set
11	3mm pitch screw	1	pc
12	Quick positioning device	1	set
13	Base expand leg	6	pcs
14	Quality Certificate	1	pcs
15	Operation Manual	1	pcs

