

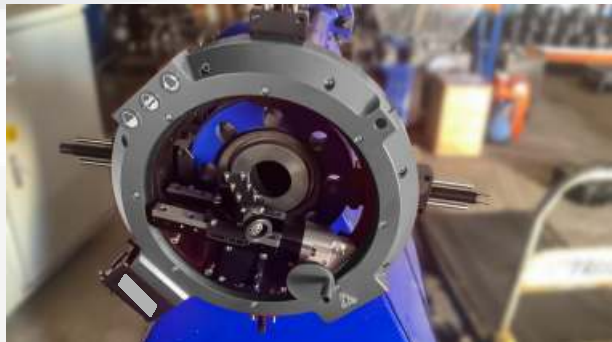


FLANGE FACER

CATALOGUE



TWT FLANGE FACER MACHINE



TWFF-ID-24 FLANGE FACER

Flange Facing is the process by which the required flanges are re surfaced by In situ machining work to create new mat and serration surfaces to ensure a perfect seal when its essemble operation to enhance the productivity and quality.

Flange Facing In situ Machining is the main and leading requirement in oil & gas, petrol chemicals, marine and power generation industries. In shut down time is crutial and to perform the In situ operations.

Our starting range of the ID mounted machine pneumatic powered is TWFF-ID-24.



TWFF-ID-24 is the tougher and rugged Flange Facer which can do the application of face, bevel, valve with easy setup and accuracy. Our machine has Tri setup mounting legs and align very quickly.

The best in reults of the machining processing and RTJ grove applications. TWFF-ID-24 is the light weighted with high acuraacy and precise aluminium body finish which gives the high density and modular design and the base design are well equipped with high structural steel mounting bases and the steel threads inserts with adjustable feet allows the machine to setup in any direction and angle to perform perfectly from 2" - 24" diameter.

Due to the friendly design our machine it allows quick setup mount. If the Machinist is skilled he can do the flange facing different applications in minimum time with high productivity. Although our machine equipped with brand you can trust upon in terms of Pneumatic motors .8KW or 1.2 HP, Also if required it can also runs on servo motor based on the requirement.

TECHNICAL DETAILS

Facing Diameter Range	50-610mm (2-24")
I.D Clamp Range	50-610mm (2-24")
Min Swing Diameter	515mm
Tool Post Stroke	50(2")
Tool Post Swivel Angle	+ / - 30°
R.PM	0-42
Drive Power Unit- Pneumatic	1.2Hp(0.8kw)
Air Consumption / Supply Required	1.2m ³ /min
Drive Power Unit-Electric	1HP(0.75kw)
Electric Requirements	Single phase,110V/230V,50/60HZ
Machine Weight	45Kg

FEED RATES

Facing Feed (1.75mm Pitch Feed Screw)	0.10/0.41mm
Facing Feed (3mm Pitch Feed Screw)	0.18/0.71mm

TWFF-ID-40 FLANGE FACER

Flange Facing is the process by which the required flanges are re surfaced by In situ machining work to create new mat and serration surfaces to ensure a perfect seal when its essemble operation to enhance the productivity and quality.

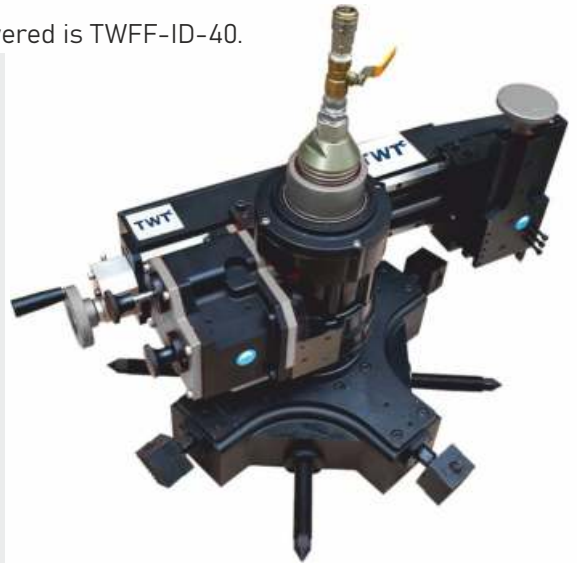
Flange Facing In situ Machining is the main and leading requirement in oil & gas, petrol chemicals, marine and power generation industries. In shut down time is crucial and to perform the In situ operations.

Our mid range of the ID mounted machine pneumatic powered is TWFF-ID-40.

TWFF-ID-40 is the tougher and rugged Flange Facer which can do the application of face, bevel, valve with easy setup and accuracy. Our machine has Tri setup mounting legs and align very quickly.

The best in results of the machining processing and RTJ grove applications. TWFF-ID-40 is the light weighted with high accuracy and precise aluminium body finish which gives the high density and modular design and the base design are well equipped with high structural steel mounting bases and the steel threads inserts with adjustable feet allows the machine to setup in any direction and angle to perform perfectly from 6" - 40" diameter.

Due to the friendly design our machine it allows quick setup mount. If the Machinist is skilled he can do the flange facing different applications in minimum time with high productivity. Although our machine equipped with brand you can trust upon in terms of Pneumatic motors 1.7KW or 2.2 HP, Also if required it can also runs on servo motor based on the requirement.



TECHNICAL DETAILS

Facing Diameter Range	150-1000m (6-40")
I.D Clamp Range	145- 860mm (6-34")
Min Swing Diameter	790mm
Tool Post Stroke	100(4")
Tool Post Swivel Angle	+ / - 30°
R.PM	0-35
Drive Power Unit- Pneumatic	2.2Hp(1.7kw)
Air Consumption / Supply Required	1.93m³/min
Machine Weight (less base unit)	128Kg
Shipping Weight	145Kg

FEED RATE

IN		OUT		UP/DOWN	
Gear	mm/rev	Gear	mm/rev	Gear	mm/rev
1	0.128	1	0.151	1	0.03
2	0.251	2	0.292	2	0.06
3	0.591	3	0.691	3	0.15

TWFF-ID-50 FLANGE FACER



Flange Facing is the process by which the required flanges are re surfaced by In situ machining work to create new mat and serration surfaces to ensure a perfect seal when its essemble operation to enhance the productivity and quality.

Flange Facing In situ Machining is the main and leading requirement in oil & gas, petrol chemicals, marine and power generation industries. In shut down time is crutial and to perform the In situ operations.

Our mid range of the ID mounted machine pneumatic powered is TWFF-ID-50.



TWFF-ID-50 is the tougher and rugged Flange Facer which can do the application of face, bevel, valve with easy setup and accuracy. Our machine has Tri setup mounting legs and align very quickly.

The best in reults of the machining processing and RTJ grove applications. TWFF-ID-50 is the light weighted with high acuraacy and precise aluminium body finish which gives the high density and modular design and the base design are well equipped with high structural steel mounting bases and the steel threads inserts with adjustable feet allows the machine to setup in any direction and angle to perform perfectly from 10" - 50" diameter.

Due to the friendly design our machine it allows quick setup mount. If the Machinist is skilled he can do the flange facing different applications in minimum time with high productivity. Although our machine equipped with brand you can trust upon in terms of Pneumatic motors 2.7 HP, Also if required it can also runs on servo motor based on the requirement.

TECHNICAL DETAILS

Facing Diameter Range	250-1270mm(10-50")
I.D Clamp Range	250-1050mm(10-41")
Min Swing Diameter	1390mm
Tool Post Stroke	80(2")
Tool Post Swivel Angle	+ / - 30°
R.P.M	0-35
Drive Power Unit- Pneumatic	2.7Hp
Air Consumption / Supply Required	2.69m³/min
Machine Weight (less base unit)	108Kg
Shipping Weight	200Kg

TECHNICAL DETAILS

IN		OUT		UP/DOWN	
Gear	mm/rev	Gear	mm/rev	Gear	mm/rev
1	0.128	1	0.151	1	0.03
2	0.251	2	0.292	2	0.06
3	0.591	3	0.691	3	0.15

TWFF-ID-60 FLANGE FACER

Flange Facing is the process by which the required flanges are re surfaced by In situ machining work to create new mat and serration surfaces to ensure a perfect seal when its essemble operation to enhance the productivity and quality.

Flange Facing In situ Machining is the main and leading requirement in oil & gas, petrol chemicals, marine and power generation industries. In shut down time is crucial and to perform the In situ operations.

Our mid range of the ID mounted machine pneumatic powered is TWFF-ID-60.



TWFF-ID-60 is the tougher and rugged Flange Facer which can do the application of face, bevel, valve with easy setup and accuracy. Our machine has Tri setup mounting legs and align very quickly.

The best in reults of the machining processing and RTJ grove applications. TWFF-ID-60 is the light weighted with high acuraacy and precise aluminium body finish which gives the high density and modular design and the base design are well equipped with high structural steel mounting bases and the steel threads inserts with adjustable feet allows the machine to setup in any direction and angle to perform perfectly from 20" - 65" diameter.

Due to the friendly design our machine it allows quick setup mount. If the Machinist is skilled he can do the flange facing different applications in minimum time with high productivity. Although our machine equipped with brand you can trust upon in terms of Pneumatic motors 3.5 HP, Also if

TECHNICAL DETAILS

Facing Diameter Range	500-1650mm (20-65")
I.D Clamp Range	500-1500mm(20-59")
Min Swing Diameter	1750mm
Tool Post Stroke	80(2")
Tool Post Swivel Angle	+ / - 30°
R.P.M	0-35
Drive Power Unit- Pneumatic	3.5Hp(2.7kw)
Air Consumption / Supply Required	2.69m³/min
Machine Weight (less base unit)	550Kg
Shipping Weight	680Kg

FEED RATE

IN		OUT		UP/DOWN	
Gear	mm/rev	Gear	mm/rev	Gear	mm/rev
1	0.128	1	0.151	1	0.03
2	0.251	2	0.292	2	0.06
3	0.591	3	0.691	3	0.15

TWFF-ID-80 FLANGE FACER



Flange Facing is the process by which the required flanges are re surfaced by In situ machining work to create new mat and serration surfaces to ensure a perfect seal when its essemble operation to enhance the productivity and quality.

Flange Facing In situ Machining is the main and leading requirement in oil & gas, petrol chemicals, marine and power generation industries. In shut down time is crucial and to perform the In situ operations.

Our starting range of the ID mounted machine pneumatic powered is TWFF-ID-80.

TWFF-ID-80 is the tougher and rugged Flange Facer which can do the application of face, bevel, valve with easy setup and accuracy. Our machine has Tri setup mounting legs and align very quickly.

The best in results of the machining processing and RTJ grove applications. TWFF-ID-80 is the light weighted with high accuracy and precise aluminium body finish which gives the high density and modular design and the base design are well equipped with high structural steel mounting bases and the steel threads inserts with adjustable feet allows the machine to setup in any direction and angle to perform perfectly from 2" - 24" diameter.

Due to the friendly design our machine it allows quick setup mount. If the Machinist is skilled he can do the flange facing different applications in minimum time with high productivity. Although our machine equipped with brand you can trust upon in terms of Pneumatic motors 4 HP, Also if required it can also runs on servo motor based on the requirement.



TECHNICAL DETAILS

Facing Diameter Range	762-2032mm (30-80")
I.D Clamp Range	762-1804mm(30-71")
Min Swing Diameter	1610mm
Tool Post Stroke	50(2")
Tool Post Swivel Angle	+ / - 30°
R.P.M	0-42
Drive Power Unit- Pneumatic	4Hp(3kw)
Air Consumption / Supply Required	2.69m³/min
Machine Weight (less base unit)	350Kg
Shipping Weight	720Kg

FEED RATE

IN		OUT		UP/DOWN	
Gear	mm/rev	Gear	mm/rev	Gear	mm/rev
1	0.128	1	0.151	1	0.03
2	0.251	2	0.292	2	0.06
3	0.591	3	0.691	3	0.15

TWFF-ID-120 FLANGE FACER

Flange Facing is the process by which the required flanges are re surfaced by In situ machining work to create new mat and serration surfaces to ensure a perfect seal when its essemble operation to enhance the productivity and quality.

Flange Facing In situ Machining is the main and leading requirement in oil & gas, petrol chemicals, marine and power generation industries. In shut down time is crucial and to perform the In situ operations.

Our High range of the ID mounted machine pneumatic powered is TWFF-ID-120.



TWFF-ID-120 FLANGE FACER

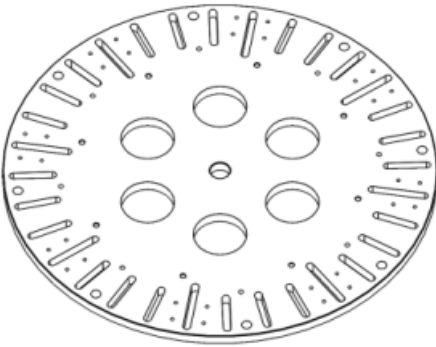
TWFF-ID-120 is the tougher and rugged Flange Facer which can do the application of face, bevel, valve with easy setup and accuracy. Our machine has Tri setup mounting legs and align very quickly.

The best in results of the machining processing and RTJ grove applications. **TWFF-ID-120** is the light weighted with high accuracy and precise aluminium body finish which gives the high density and modular design and the base design are well equipped with high structural steel mounting bases and the steel threads inserts with adjustable feet allows the machine to setup in any direction and angle to perform perfectly from 45" - 120" diameter.

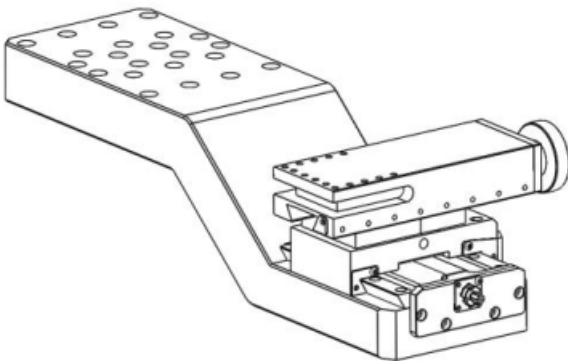
Due to the friendly design our machine it allows quick setup mount. If the Machinist is skilled he can do the flange facing different applications in minimum time with high productivity. Although our machine equipped with brand you can trust upon in terms of Pneumatic motors and hydraulic options are available.

TECHNICAL DETAILS					
Facing Diameter Range		1150-3050mm(45-120")			
I.D Clamp Range		1060-2800mm(42-110")			
Min Swing Diameter		2133mm(84")			
Tool Post Stroke		102(4")			
Radial Slide Stroke		711(28")			
Tool Post Swivel Angle		+ / - 30°			
R.P.M		0-9			
Drive Power Unit					
Pneumatic (Standard)		4Hp(3kw)			
Hydraulic (option)		15HP(11kw)			
Air Consumption / Supply Required		2.69m ³ /min			
Hydraulic requirements		30L/min			
Machine Weight		1650Kg			
Shipping Weight		2450Kg			
FEED RATE					
IN		OUT		UP/DOWN	
Gear	mm/rev	Gear	mm/rev	Gear	mm/rev
1	0.128	1	0.151	1	0.03
2	0.251	2	0.292	2	0.06
3	0.591	3	0.691	3	0.15

FLANGE FACER MACHINE ACCESSORIES

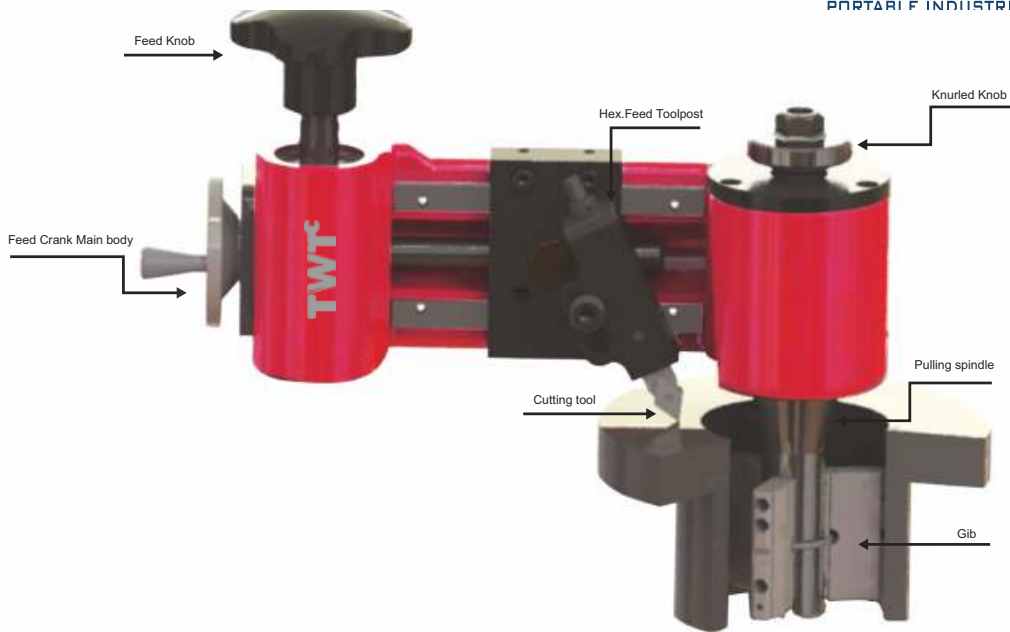


**HEAT EXCHANGE
MOUNTING KIT**



**BACK FACING
KIT**

TWFF-M-12 FLANGE FACING

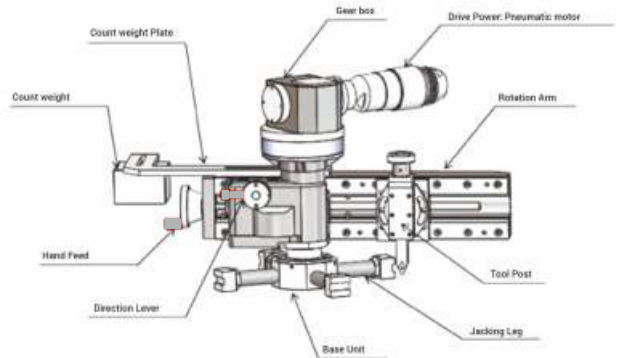


TWFF-M-12 MINI FLANGE FACER

Our TWFFM12M Mini flange facer, easy working flange facing repair, easy to operate.

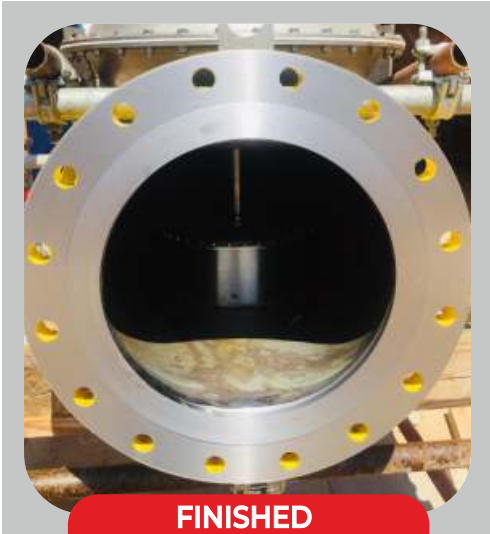
Allows any technician to recondition RF/FF and other gasket settings in situ, the internal diameter that can be clamped is 25.4mm to 254mm.

Due to clamping and machining range, the Mini facer is a very efficient tool for service or repair workshop but also for piping construction companies and or vessel manufacturers

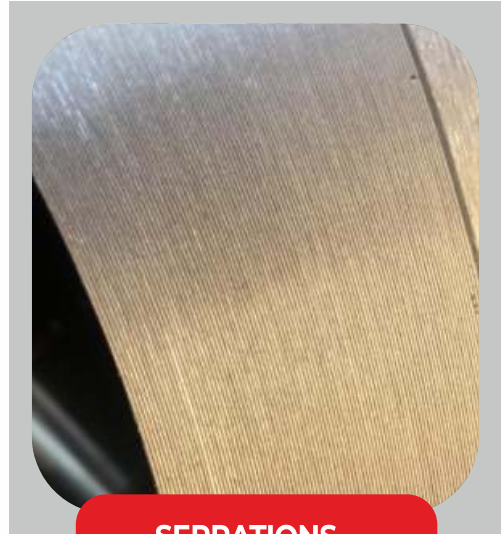


TECHNICAL DETAILS

Min facing diameter	25.4mm
Max facing diameter	350mm
Tool post travel	70mm
ULTRA-PORTABLE	
Machine weight	7Kg
Packing total	11Kg
Hand drive, NOT need any other power supply	



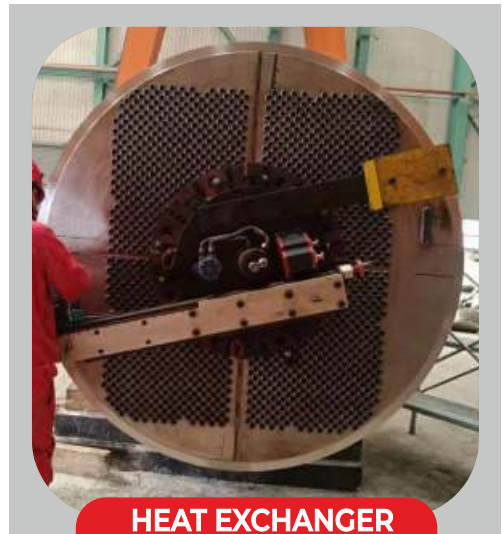
**FINISHED
MACHINING SURFACE**



SERRATIONS



RE SURFACED FLANGE



**HEAT EXCHANGER
MOUNTING KIT**



TWT MACHINES UK LTD

128 City Road London

EC1V 2NX

UNITED KINGDOM

Email: sales@twtmachines.com

Website: www.twtmachines.com

