



EMF300 FLANGE FACERS





EMF300

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The Flange Facer EMF300 is rugged, compact and ideal for quickly reconditioning rusty, scarred or worn flange gasket seats to like-new condition in minutes. Externally mounted, this machine has a working range of 0mm(0") to 305mm(12") and features 2 continuous feed rates. It is powered by one 1.0Kw(1.34Hp) high torque pneumatic motor and rotates on a high precision bearing giving excellent rigidity. The machine can machine standard FF and RF flange facings, RTJ and other V grooves, weld reparations, etc. The EMF300 Flange Facer are suitable for the oil and gas industry, power plants, chemical plants, oil rigs and many others. They are prepared to implement applications complying with ASME standards.

KEY FEATURES

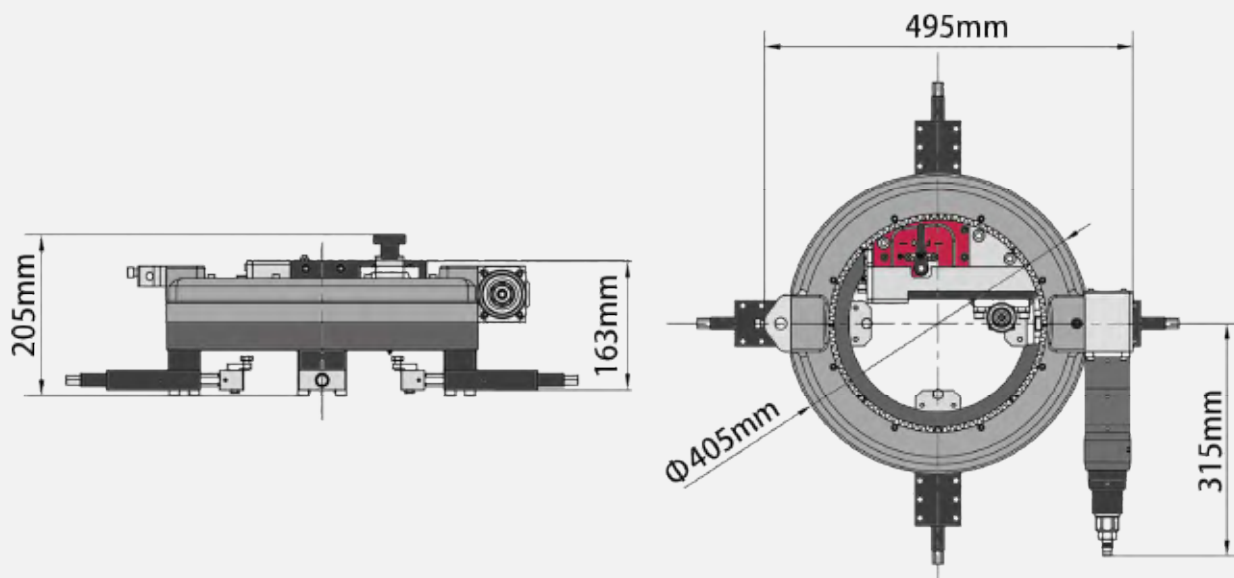
- ◎ High-precision preloaded bearing make the machine precise and robust
- ◎ Lightweight, compact and portable
- ◎ Externally mounted and operates in any orientation
- ◎ Suitable for various flange types: flat face; raised face; ring type joints(RTJ); tongue & groove; lens ring; compact flanges
- ◎ Pneumatic drive permits use in hazardous areas
- ◎ 2 continuous groove facing feeds for a "gramophone" finish (ASME Standard)
- ◎ 360° Swivel tool post for groove details
- ◎ Sturdy storage



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DIMENSIONS



SPECIFICATION

EMF300 Specification (Airmotor)		
No	Description	Data
1	Facing Diameter Range	0-305mm(0"-12")
2	Clamping Diameter Range	50-305mm(2"-12")
3	Tool Post Travel	40mm(1.57")
4	Motor	Air motor
5	Output	1.0Kw(1.34Hp)
6	Air supply needed@90psi	1.0 m³/min
7	Rpm(max)	42rpm

Facing Feed Rates			
Direction	Gear	rate (mm/rev)	rate (inch/rev)
OUT	F	0.125	0.005
IN	C	0.5 (ASME B-16.5)	0.02

EMF300 Shipping Details		
	Description	Data
Air motor	Machine weight, approximate	68Kg(150 lbs)
	Shipping weight, approximate	89Kg(196 lbs)
	Transportable case dimension	Length×Width×Height 830×610×570mm



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PACKING LIST: EMF300

EMF300 Flange Facing Machine Complete with Drive Motor comprising:				
Qty	Packed	Part No.	Description	Box
1			Drive Assembly (Air Motor)	
1			Mast & Gearbox	
1			Surfacing Arm Assembly	
4			Base Jaw Assembly	
4			Jaw Packers (25mm)	
1			Swivel Toolpost Assembly	
1			Toolholder	
16		M8 x65	Capheads Clamp + 25mm Packer	
4			Setting Straps	
Others				
1			Secondary Toolholder	
5			Toolholders	
12			Jaw Packers (5mm)	
1			Air Lubrication Kit (SMC)	
1			Air Motor Oil	
16		M8 x40	Capheads Clamp	
16		M8 x50	Capheads Clamp + 2 x 5mm Packer	
16		M8 x55	Capheads Clamp + 3 x 5mm Packer	

EMF300 Striker Assembly comprising:				
1			Kick Feed Handwheel Long Leg	
1			Kick Feed Handwheel Short Leg	
1			Striker Post	
1			Striker Arm	
1			Striker Leg	
1			Striker Holder	

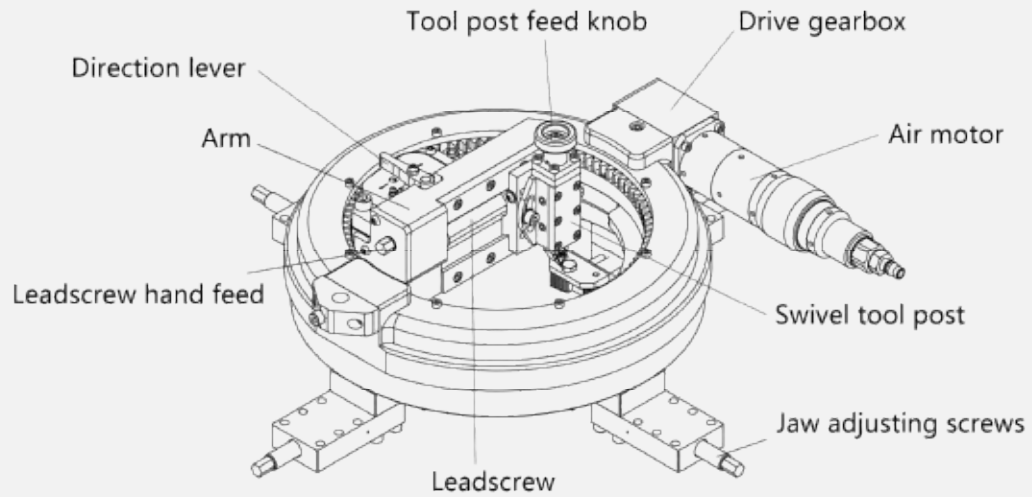
EMF300 Tool Kit comprising				
1			Metric Hexagon Key	
1			10mm Combination Spanner	
1			12mm Combination Spanner	
1			13mm Ratchet Spanner	
2			24mmx27mm Combination Spanner	
1			Dial Gauge, Magnetic Back	
1			Cutting Tool Insert (5 pcs)	
1			6mm Square x 65mm Cobalt Toolbit	
1			10mm Square x 100mm Cobalt Toolbit	
3			6mm Square Cobalt Toolbit for RTJ grooves	
2			T15 Spanner for Insterts	



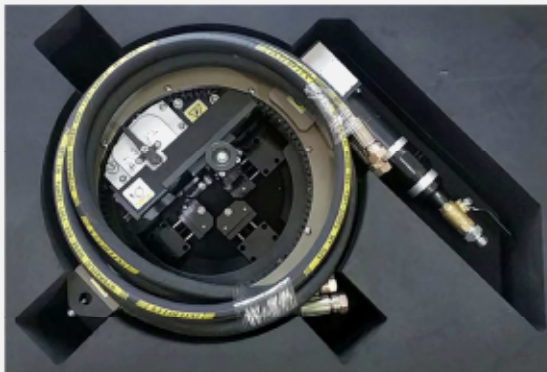
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CONFIGURATIONS



PACKING DETAIL





CONTACT

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Portable

- ➔ **Line Boring Machine**
- ➔ **Flange Facer**
- ➔ **Pipe Beveling Machine**
- ➔ **Split frame cold cutter and beveler**
- ➔ **Shaft Lathe**

Machine Tools

