

ID MOUNTED FLANGE FACER

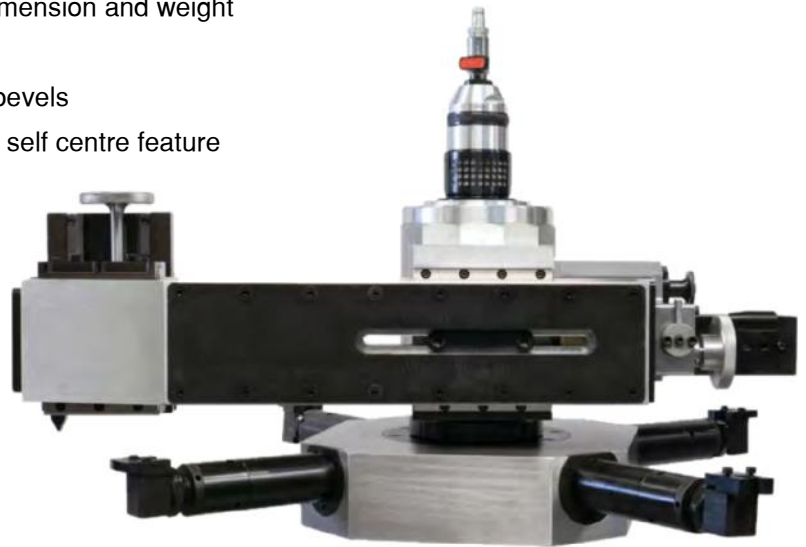
IMFM-40 - FLANGE FACER



Internally mounted, lightweight and durable machine tool. Ideal for machining all types of flange faces, seal grooves, weld preparations and counterbores.

- ▶ Heavy-duty steel/aluminium design with solid but lightweight construction
- ▶ High rigidity of the machine in relation to the dimension and weight
- ▶ Continuous groove facing feeds
- ▶ Swivel tool post for grooves, RTJ flanges and bevels
- ▶ Easy levelling and centring system with built-in self centre feature
- ▶ Quick clamping with solid 50mm self-centring steel shaft
- ▶ CE certified

As standard, the IMFM-40 is supplied with a complete toolkit, including tool and inserts, air filter with lubricator and hose connection, required jaws to cover the full range, paper manual and storage/shipping box. Beside standard pneumatic 2.2Hp drive, we offer a wide range of pneumatic and electric drives for the IMFM-40.



Standard Working Range		Max Swing Diameter	Tool Post Travel	Feed Rates	Free Speed	Power
Facing Range	Locking range					
152-1016mm	120-820mm	813mm	102mm	See table	0-24 Rpm	2.2 Hp
6-39.7"	4.72-32.20"	32"	4"			1.6 Kw

Air Use		Shipping Width		Shipping Height		Shipping Length		Body Weight		Shipping Weight	
75 cfm	2.2m ³ /min	600mm	24"	725mm	28.5"	845mm	34"	145 Kg	319 Lbs	210 Kg	462 Lbs

Direction	Gear	mm/rev	Inch/rev	Grooves per cm	Grooves per inch
Out	1	0.139	0.005	72	183
	2	0.217	0.009	46	1177
	3	0.528	0.021	19	48
In	1	0.165	0.006	61	154
	2	0.258	0.010	39	98
	3	0.628	0.025	16	40



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Levelling and Centring



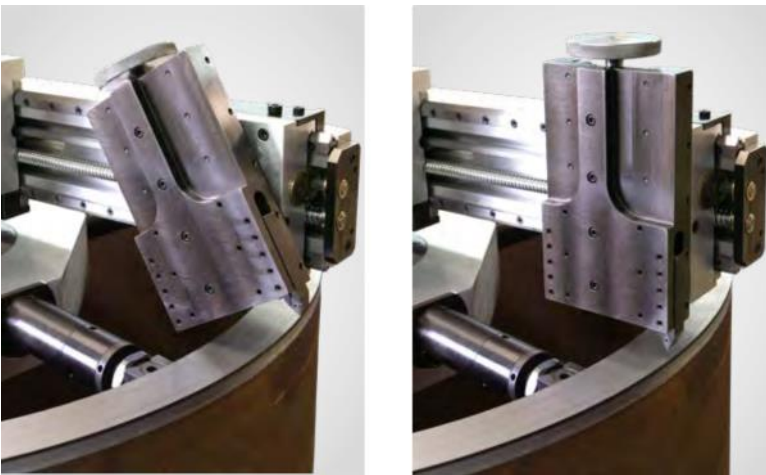
Both machines are equipped with a special jaw set for easy and quick levelling and centring. A special mechanism allows convenient adjustment of the mounting plane relative to the pipe. The built-in self-centring locking system significantly facilitates the coarse setting of the machine.

Electric Drive



As an alternative, we offer an electric drive for the IMFM-40 and IMFM-60. This electric motor provides similar parameter to the pneumatic version.

Swivel Tool as Standard



Boring Feed Rates (3 off - Up/Down)

mm/rev			Inches/rev		
0.05	0.10	0.20	0.002	0.004	0.0088

Tooling Chart

Holder	Insert	Screw	Torx
IMFM40F-V11	CIV-11-3-1	MHS-4	TX-15
IMFM40P-V11	CIV-11-3-1	MHS-4	TX-15
IMFM40L-V11	CIV-11-3-1	MHS-4	TX-15

Two Locking Plates



The IMFM-40 includes two sizes of locking system. Thanks to the matching dimensions of the rigid body, stable mounting and smooth machining of face surfaces and flanges in all pipe sizes is possible.

