

IMFM-40 Internal Mounted FlangeMill

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 centering system with built-in self-centre feature
- ▶ Quick clamping with solid, 50 mm self-centering steel shaft
- ▶ CE certificate

As standard IMFM is supplied with the complete toolkit, including cutting tool and inserts and hose connection, required jaws to cover the full range, paper manual and storage/shipping box. Beside standard pneumatic 2,2 Hp drive, for IMFM we offer a wide choice of pneumatic and electric drives.



STANDARD WORKING RANGE				MAX SWING DIAMETER	TOOL POST TRAVEL	FEED RATES	FREE SPEED		POWER		
FACING RANGE		CLAMPING RANGE									
322 – 1016 mm		322 - 915 mm		1220 mm	102 mm	See table	0 - 24 Rpm		2,2 Hp		
12,67 - 40,00"		12,67 - 36,00"		48"	4"				1,6 kW		
AIR USE		SHIPPING WIDTH		SHIPPING HEIGHT		SHIPPING LENGTH		BODY WEIGHT		SHIPPING WEIGHT	
75 cfm	2,2 m³/min	600 mm	24"	725 mm	28,5"	845 mm	34"	145 kg	319 Lbs	210 kg	462 Lbs

FACING FEED RATES (3 OFF IN/OUT)

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	117
	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

BORING FEED RATES (3 OFF UP/DOWN)

mm/rev	inches/rev
0.05 – 0.10 – 0.20	0.002 – 0.004 – 0.008

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

MACHINE IN ACTION

