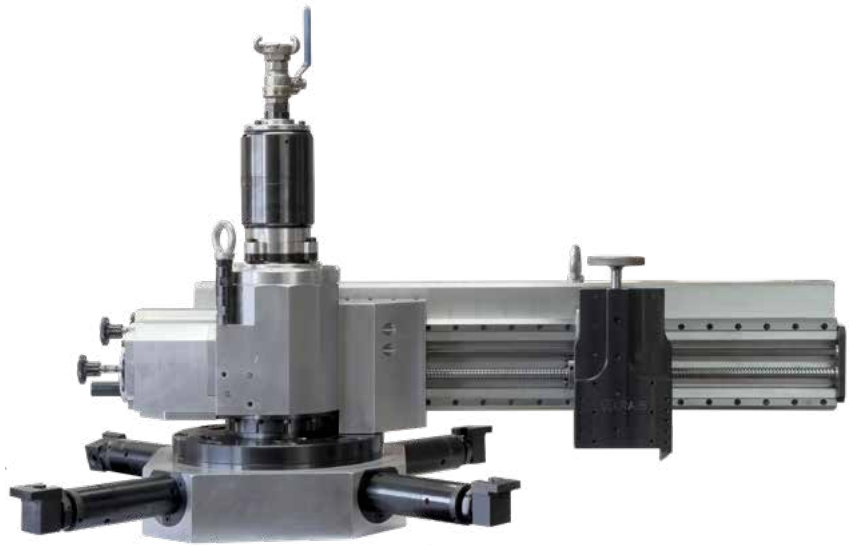


# IMFM-60 Internal Mounted Flange Mill

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, air filter with lubricator and hose connection, required jaws to cover the full range, paper manual and storage/shipping box. Beside pneumatic 4,0 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										
305 – 1525 mm	290 - 1400 mm	765 mm	102 mm	See table	0 - 22 Rpm	4,0 Hp					
12" - 60"	11,4" - 55"	30,1"	4"			3,0 kW					
AIR USE		SHIPPING WIDTH		SHIPPING HEIGHT		SHIPPING LENGTH		BODY WEIGHT		SHIPPING WEIGHT	
98 cfm	2,69 m³/min	820 mm	32"	830 mm	33"	1230 mm	48"	412 kg	906 Lbs	499 kg	1010 Lbs

## FACING FEED RATES (3 OFF IN/OUT)

Direction	Gear	mm/rev	inch/rev	grooves per cm	grooves per inch
Out	1	0,130	0,005	76	195
	2	0,203	0,008	49	125
	3	0,494	0,019	20	51
In	1	0,155	0,006	65	164
	2	0,241	0,009	41	105
	3	0,588	0,023	17	43

## 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
IMFM60F-V11	CIV-11-3-1	MHS-4	TX-15
IMFM60P-V11	CIV-11-3-1	MHS-4	TX-15
IMFM60L-V11	CIV-11-3-1	MHS-4	TX-15

## MACHINE FACING 60" FLANGE RING



# IMFM-40 and IMFM-60 features

## LEVELLING AND CENTERING



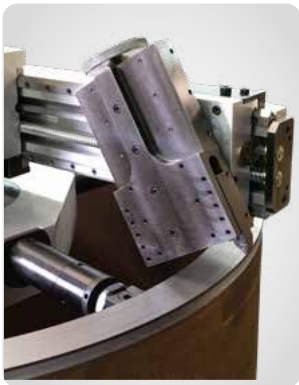
Both machines are equipped with special jaw set for easy, quick levelling and centering. A special mechanism allows convenient adjustment of the mounting plane relative to the pipe. Built-in self-centering locking system significantly facilitates the coarse setting of the machine.

## ELECTRIC DRIVE



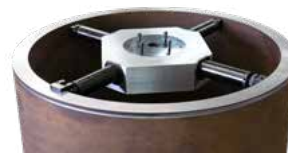
As an alternative, we offer an electric drive for IMFM40&60. The motor provides similar parameters to the pneumatic one.

## SWIVEL TOOL AS A STANDARD



Standard configuration of IMFM is equipped with swivel tool post for grooves, RTJ flanges and bevels

## TWO LOCKING PLATES



The offer 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.