



Original Manufacturer of the Equipment
TOOLS RENTAL AVAILABLE IN EUROPE

MMFM Mini Flange Mill



Smallest powerful
flange facer - the
only tool you need!

MMFM – MINI FLANGE MILL

Compact and light weight flange milling machine – one of the most compact designs on the market today.

- 】 Low clearance.
- 】 Flat and raised face flanges
- 】 Single line, true gramophone groove with 50 grooves per 1" to comply with ASME B46.1 code
- 】 Pneumatic drive 1,3 Hp or 750 W electric with multiple planetary gear box
- 】 Stainless steel body to stiffen the machine base
- 】 Rigid construction aluminium facing head, supported by multiple bearings
- 】 Solid locking mandrel shaft and rigid mounting jaw set
- 】 Hardened and ground tool slides for precision

QUALITY COMPONENTS

- 】 Pneumatic motor comes complete with filter, lubricator and flow control.
- 】 Compact, low-profile drive system engineered for superior power to weight ratio.
- 】 Features rugged main body, heavy-duty bearings, sealed lubrication, and rigid mounting system.



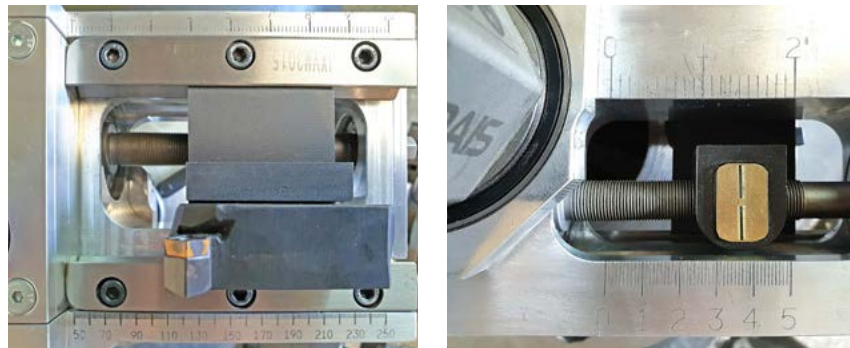
FLANGE FACING		PIPE FACING (SINGLE POINT)		MOUNTING (ID)		VERTICAL FEED STROKE		MACHINING FEED RATE		POWER	
1,45 – 10"		2 – 10" OD		1,0 – 5,9"		0,5"		0,019"		1,3 Hp	
37 – 254 mm		51 – 254 mm		26 – 150 mm		13 mm		0,5 mm			
AIR USE		WEIGHT		HEIGHT		LENGTH		SWING DIAMETER			
55 cfm 1,3 m ³ /min		23 Lbs xxxx kg		490 mm		415 mm		310 mm			

STANDARD FEED SCREW



Machine comes standard with 50 grooves per inch feed screw and nut. Optional feed screw/nut are available with 68 and 101 grooves per inch.

CONVENIENT SCALE



Convenient and easy to read gauge in metric and imperial scale allowing adjustment of the working range before mounting on the flange.

BASIC FEATURES



Single line gramophone groove (50 grooves per 1 inch)



Graduation of the tool setting to the desired depth of cut.



Handy depth feed locking system to prevent accidental movement of the handle during flange processing.

SAFETY FIRST






Hand guard to protect against accidental impact of the rotating head.

TOOL HOLDERS RANGES

MMFM is a low clearance flange facing machine. To achieve this multiple tool holders are required to cover full range, below table specifies machining range of each holder.

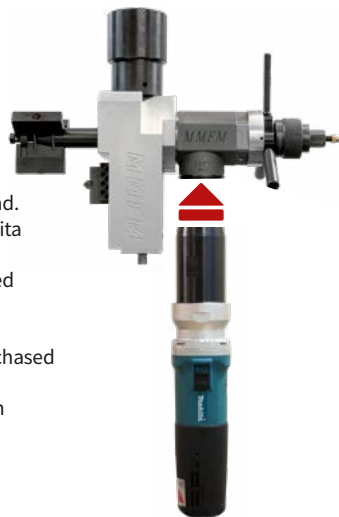


	MMFM-125250	125 - 250 mm (4.92" - 9.84")
	MMFM-85210	85 - 250 mm (3.35" - 8.27")
	MMFM-37160	37 - 160 mm (1.45" - 6.3")

MMFM-E

MMFM-E is electric version of MMFM. A standard machine covers the same flange sizes and comes with the same cutting head. The electric motor, made by Makita with 3 stage planetary gear box made by KRAIS has variable speed control and produce enormous torque. Is interchangeable with pneumatic drive and can be purchased separately at any time. Also available with battery driven motor!

Free Speed 115 RPM
 Power..... 750 W
 Torque 360 Nm (266 Ft.Lbs)



BATTERY OPTION

The machine is also available with a portable electric drive 18 Volt 5.2 Ah 93.6 Wh Li-Ion battery. The machine can operate up to 15-20 minutes on one battery. Machining itself of one flange takes about 3-4 minutes of motor operation, so the operating time on one battery may suffice on 3-4 flanges. It is possible to have many charged batteries. Comfortable and easy to use in any place where compressed air and electricity is not available or even impossible to use as for example oil refinery.



OTHER OPTIONS FOR FLANGE MACHINING

MFM – MANUAL FLANGEMILL

FACING RANGE: 30 - 650 MM (1,18 - 25,6")

Basic, simple and cost-effective solution for ID mount flange facing. It is a quick and easy way to reface a damaged flat, grooves in pipe flanges on site. Manual FlangeMill size and body is designed and built to allow quick and convenient processing of small flanges in awkward or dangerous locations. Manual FlangeMill comes in two versions: regular and long.



IMFM-24 INTERNAL MOUNTED FLANGEMILL

FACING RANGE: 63 - 610 MM (2,5 - 24")

Internally mounted, lightweight and durable machine tool. Ideal for machining all types of flange faces, seal grooves, weld preparations and counterbores. As standard IMFM is supplied with the complete toolkit, including cutting tool, inserts and jaws required to cover the full range. **Bigger sizes (IMFM-32 and IMFM-60) coming soon!**



SFFM FLANGE FACER

FACING RANGE: 50 - 1200 MM (1,97 - 47")

SFFM series Flange Facing Machines are mounted on the outer diameter of the flange. The precise, synchronized radial and axial feed mechanism allows for a high quality machining, resulting in one continuous groove producing a true gramophone finish. SFFM Flange Facers are prepared to implement applications complying with ASME standards.



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