

OMFM-305

The OMFM-305 is a high-performance, externally mounted machine tool designed for demanding flange machining applications. With its lightweight yet super-rigid construction, the OMFM-305 combines portability with the heavy-duty strength required for precision machining of various flange faces, seal grooves, weld preparations, and counterbores. Its robust design, featuring heavy-duty steel and aluminum components, ensures exceptional durability and reliability in the toughest environments.

KEY FEATURES:

- ▶ Externally mounted, lightweight yet heavy-duty machine.
- ▶ Heavy-duty steel/aluminum construction for durability and precision.
- ▶ High rigidity due to cast steel body and steel body plate.
- ▶ Continuous groove facing feed with 2-speed gearbox for precision finishes.
- ▶ Swivel tool post for grooves, RTJ flanges, and bevels.
- ▶ Complete toolkit with CE certification.



STANDARD WORKING RANGE		FACING FEEDS		FREE SPEED	POWER
FACING RANGE	LOCKING RANGE	COARSE FEED	FINE FEED		
0 - 305 mm	50,8 - 305,4 mm	0,5 mm (0,020") / Revolution	0,125 mm (0,005") / Revolution	30 Rpm	2,2 Hp
0" to 12"	2" - 12"	50 Grooves per inch	203 Grooves per inch		1,6 kW
AIR USE		MACHINE WEIGHT		DRIVE WEIGHT	
75 cfm	2,2 m³/min	43 kg	95 Lbs	5 kg	11,0 Lbs
		SHIPPING BOX		SHIPPING WEIGHT	
		75 x 55 x 35 cm	30" x 22" x 14"	86 kg	189 Lbs

COMPLETE TOOLING PACKAGE

The OMFM-305 comes with a comprehensive toolkit, including all necessary tools, inserts, an air filter lubricator, a hose connection, mounting feet, and extensions. The machine is supplied with a storage and shipping box for easy transport and protection. Additionally, the package includes a CE certificate, packing list, and user manual, ensuring compliance with industry standards and providing operators with all the information needed for safe and effective use.

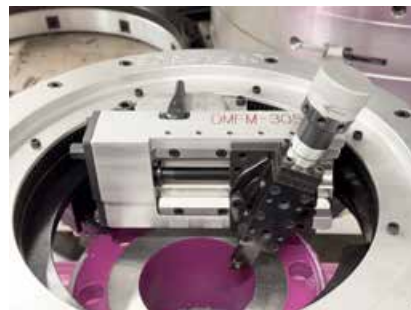
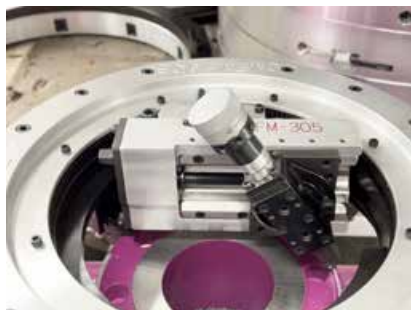
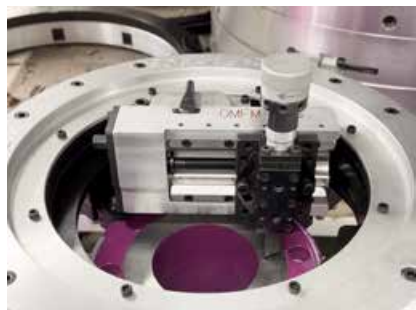
TOOLING CHART

HOLDER	INSERT	SCREW	TORX
IMFM24-V11-L	CIV-11-3-1	MHS-4	TX-15
IMFM24-V11-N	CIV-11-3-1	MHS-4	TX-15
IMFM24-V11-P	CIV-11-3-1	MHS-4	TX-15

OMFM-305

SWIVEL TOOL

Swivel tool post for grooves, RTJ flanges, and bevels



ELECTRIC DRIVE

As an option, we can deliver the electric motor, made by Makita. With 3 stage planetary gear box made by KRAIS, the drive 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)



CONVENIENT JAWS



Special jaw set for easy and quick levelling and centring machine. A special mechanism allows convenient adjustment of the mounting plane relative to the pipe.

TIGHT SPACES

The OMFM-305 is also highly effective in hard-to-reach areas. It allows for the drive motor to be mounted on either side of the machine, making it ideal for machining flanges in confined spaces. Additionally, the optional angle module enables horizontal motor installation for even greater flexibility.



EFFICIENT ON-SITE OPERATION

The OMFM-305 is the ideal solution for professionals requiring a rugged and reliable machine for high-precision flange machining tasks. Its lightweight design, combined with heavy-duty construction and easy setup, makes it a versatile tool for a wide range of industrial applications.

