

MFF-125, Mini Flange Facer

Highly efficient and lightweight flange facing machine – among the most compact options available today.

- ▶ Minimal clearance required
- ▶ Suitable for flat and raised face flanges
- ▶ Reinforced stainless steel body for enhanced machine stability
- ▶ Robust aluminum facing head, bolstered by multiple bearings
- ▶ Durable mandrel shaft with a secure jaw set for firm mounting
- ▶ Precision-engineered, hardened, and ground tool slides
- ▶ Available with a 1.3 Hp pneumatic drive or 750 W electric motor, equipped with a multi-stage planetary gearbox

PREMIUM COMPONENTS

- ▶ The pneumatic motor is fully equipped with a filter, lubricator, and flow control system.
- ▶ Streamlined, low-profile drive system designed to deliver exceptional power-to-weight efficiency.
- ▶ Built with a sturdy main body, heavy-duty bearings, sealed lubrication, and a solid mounting system for reliable performance.



FACING RANGE		LOCKING RANGE		VERTICAL FEED STROKE		MACHINING FEED RATE		POWER	
20 – 125 mm		20 – 88 mm		13 mm		0,125 to 0,5 mm		1,3 Hp	
0.787 – 4.921"		0.787 – 3.465"		0,5"		0,005 to 0,019"			
AIR USE		WEIGHT		HEIGHT		LENGTH		SWING DIAMETER	
55 cfm	1,3 m³/min	23,81 Lbs	10,80 kg	14,5"	372,0 mm	11,8"	300 mm	8,86"	225 mm

AUTOMATIC FEED



The tool is equipped with automatic feed system. The feed rate is set in a simple and quick manner.



FEED TRIPPERS

The machine is equipped with four trippers, allowing to make four feed rates to produce cores and fine surfaces. Using two or more trippers simulates the gramophone groove.

- 1 strike 0,125 mm per rev / 203 rev per 1"
- 2 strikes 0,250 mm per rev / 101 rev per 1"
- 3 strikes 0,375 mm per rev / 67 rev per 1"
- 4 strikes 0,500 mm per rev / 51 rev per 1"

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EASY SETUP



The device has clear markings that help to precisely set the required machining and grooving depth.

RIGID LOCKING SYSTEM



Precise flange machining is also achieved thanks to the three jaws with six locking points, which hold it very securely inside the tube.



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

TOOL HOLDERS RANGES

MFF-125 is a low clearance flange facing machine. To achieve this multiple tool holders are required to cove full range.

HOLDER	INSERT	SCREW	TORX
MFF-V11-L	CI-3-1	MHS-4	TX-15
MFF-V11-P			

MFF-125-E

Electric version of regular tool. 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-Lon 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.

