



MGM 150A

Professional Punch Grinding Machine

INNOVATIVE FAST USER FRIENDLY

MGM-150A is an innovative and easy-to-use electrically driven Sharpening Machine, designed to sharpen any hardened steel punching tool in a reliable way.

Equipped with all the accessories, MGM-150A allows the maintenance of the whole tool set in an efficient and economic way.

CBN grinding wheel and the controlled lubrication, grant an excellent surface finishing.

Electronic system for automatic adjustment of all sharpening parameters (patent pending).

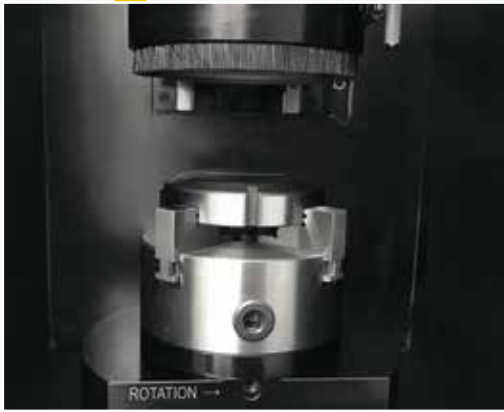
All the operations are controlled by the simple and intuitive Mitsubishi LCD multilingual touchscreen interface, for a fast and high quality tool sharpening.

The grinding parameters configuration feature allows an extremely flexible sharpening of any type of tool from diameter 1.5 mm up to 160 mm.

Four simple steps to complete one sharpening cycle: tool fixing, grinding depth setting, automatic zero point set and grinding cycle start.



TYPE OF SHARPENINGS

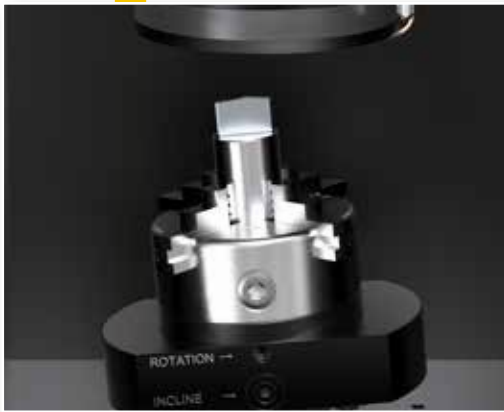


The machine is equipped with a four jaws self-centering spindle, for the most commonly used tools such as:

- Multitool
- Thick Turret
- Trumpf®
- Murata Wiedemann®
- Salvagnini
- Rainer

No adaptors needed.

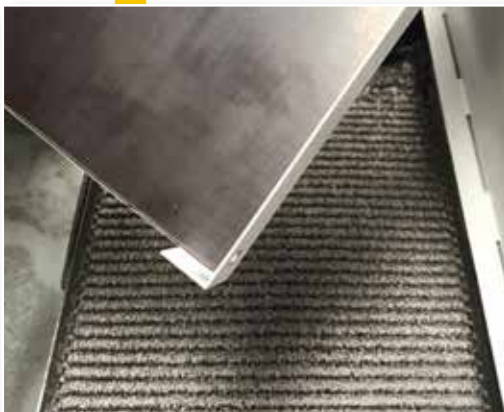
In addition to normal flat sharpening, the tilting table allows, in an extremely simple way, whisper WN or Double Whisper DWP sharpening, from 0° to 15°. The user is guided by an innovative on-screen procedure that automatically sets the sharpening angle (patent pending) with no need of any additional equipment.



Great attention has been given to the lubrication system design. A considerable level of impurities in the lubricant or a poor liquid flow can cause a low quality sharpening and tool damage.

For a correct and constant lubrication, MGM 150A is designed with a triple filtration system, combined with an electronic flow rate detection.

The standard equipment includes a base support cabinet and a tool holder shelf, gathering all the best features of the Made in Italy products.



MGM 150A

Professional Punch Grinding Machine

FBE4HK00 REV01

TECHNICAL SPECS

DIMENSIONS AND WEIGHT

Height	1710 mm
Width	686 mm
Depth	543 mm
Weight	270 kg

POWER SUPPLY

Voltage	400V AC
Power	2 Kw

GRINDING

CBN Grinding Wheel	150 x 4 x 5 mm
Maximum Grinding Diameter	160 mm
Maximum Grinding Height	230 mm
Minimum Step	0,01 mm
Grinding Motor Power Supply	400V AC

PIECE HOLDER

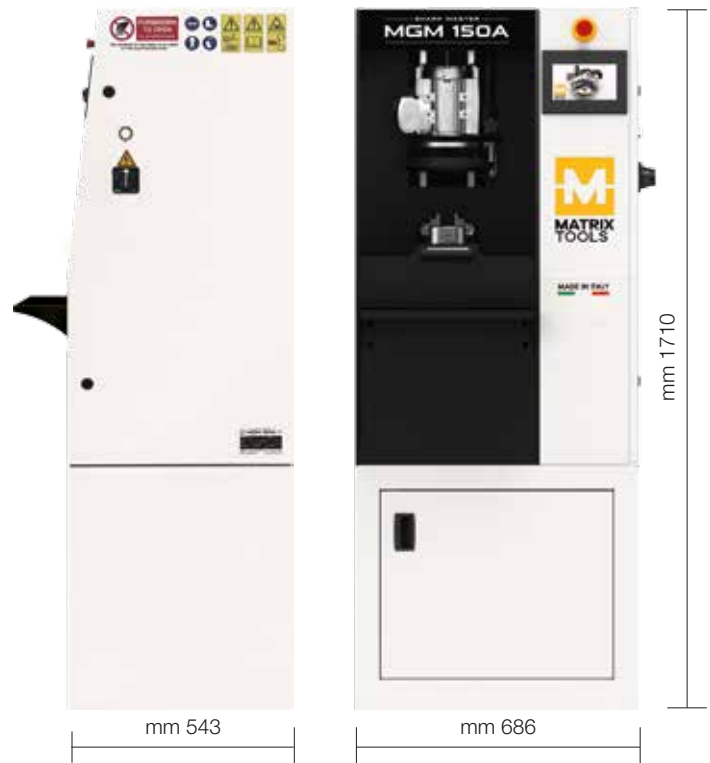
Rotating Base Diameter	310 mm
Inclination Mandrel	15°
Rotating Motor Power Supply	400V AC

COOLING

Reservoir Capacity	28 l
Pump Flow Rate	60 l/min
Filter	Magnetic
Pump Power Supply	400V AC

SOUND LEVEL

Sound pressure level	< 80 dBA
----------------------	----------



SHARP MASTER
MGM 150A

Registered trademarks mentioned, are the property of their respective companies.

M **MATRIX**
TOOLS



Via Ponte d'Oro, 8 - 36015 - Schio VI - Italy - Tel. +39 0445 671015 - Fax +39 0445 671035
matrixtools.eu - General information: info@matrixtools.eu - Sales department: sales@matrixtools.eu