

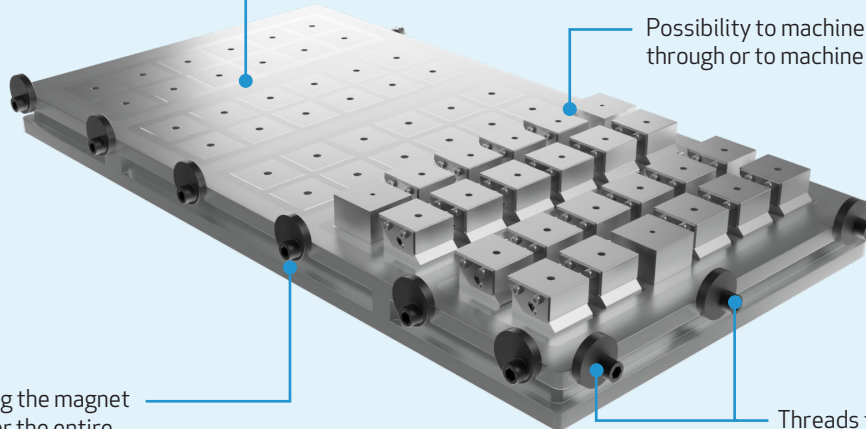
Mastermill 50



**MONOBLOCK
PROTECTED**

- 100% WATERTIGHT
- 30% LONGER LIFE
- 15% LESS WEIGHT

The possibility to connect multiple magnets in a set with 1 control unit



Possibility to machine a workpiece from 5 sides, drill through or to machine uneven workpieces

The slot for attaching the magnet to the table runs over the entire magnet perimeter

Threads for attaching stops on all sides of the clamp

When to choose a Mastermill 50 electropermanent magnetic chuck:

If you are looking for a versatile magnetic chuck for milling and drilling of small and large workpieces, then a Mastermill 50 chuck is the right choice. Using pole extensions, the material can be machined from 5 sides, drilled through, and uneven material can be clamped as well. For optimum clamping force, the required workpiece thickness is at least 12 mm. The standard version with steel/stainless steel pole plate can also be used for dry machining or with minimal coolant.

APPLICATION



Milling

TECHNOLOGY



Electro-permanent

CHUCK DIMENSION



from 300 x 490 mm

HOLDING FORCE



170 N/cm²

POLES



Square

Catalog number	Number of poles	W (mm)	L (mm)	H (mm)	Weight (kg)
MM50300490	24	300	490	51	49
MM50300600	32	300	600	51	61
MM50300800	40	300	800	51	82
MM50300900	48	300	900	51	92
MM50420490	36	420	490	51	70
MM50420600	48	420	600	51	86
MM50420800	60	420	800	51	114
MM50420900	72	420	900	51	128
MM50480600	56	480	600	51	97
MM50480800	70	480	800	51	130
MM50480900	84	480	900	51	146
MM50480990	84	480	990	51	161
MM50580800	80	580	800	51	157
MM50580900	96	580	900	51	177
MM50580990	96	580	990	51	194

Other important parameters:

- Min. workpiece size: 50 x 110 x 12 mm
- Regrinding limit: 5 mm
- Pole size: 50 x 50 mm

Use:

- + machining uneven parts up to 5 sides
- + clamping a wide range of workpiece sizes during milling
- + clamping for drilling large moulds, castings, blocks, structures, etc.
- + rough grinding of large parts
- + suitable control unit: LCC 10 XC or EP-CU 10 SW

