

Mastermill 70



**MONOBLOCK
PROTECTED**

100% WATERTIGHT
30% LONGER LIFE
15% LESS WEIGHT

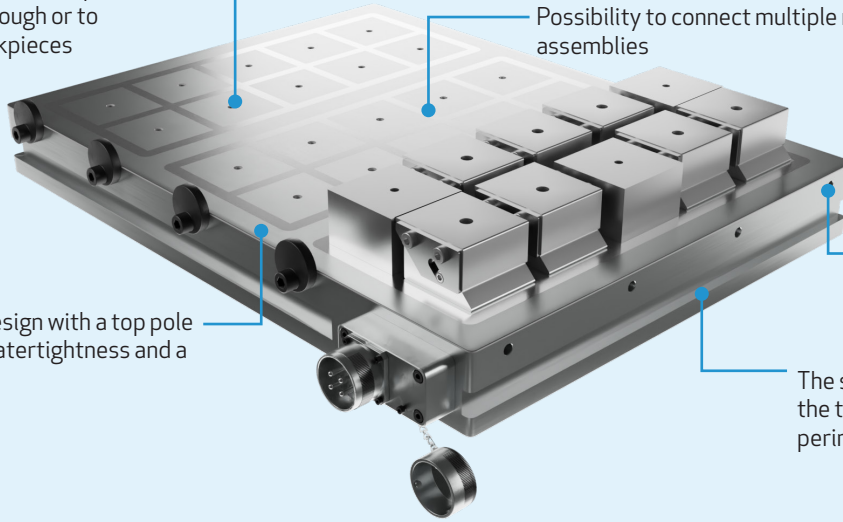
Possibility to machine a workpiece from 5 sides, drill through or to machine uneven workpieces

Possibility to connect multiple magnets in assemblies

"Sandwich" clamp design with a top pole plate for absolute watertightness and a long life

Threads for attaching stops on all sides of the clamp

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



When to choose a Mastermill 70 electropermanent magnetic chuck:

If you're looking for a powerful magnetic chuck suitable for heavy-duty milling and drilling of medium to larger workpieces, choose the Mastermill 70. Compared to the standard Mastermill 50 series, it offers larger magnetic poles of 70 x 70 mm, and higher performance when using pole attachments for clamping uneven parts or machining from 5 sides in one clamping. For optimum clamping force, the required workpiece thickness is at least 17 mm. Thanks to the steel/stainless steel top pole plate, this series of chucks is also suitable for dry machining or with minimal coolant.

APPLICATION



Milling

TECHNOLOGY



Electro-permanent

CHUCK DIMENSIONS



from 300 x 620 mm

HOLDING FORCE



170 N/cm²

POLES



Square

Catalog number	Number of poles	W (mm)	L (mm)	H (mm)	Weight (kg)
MM70300620	18	300	620	68	86
MM70300820	24	300	820	68	114
MM703001020	30	300	1020	68	142
MM70380420	16	380	420	68	74
MM70380540	20	380	540	68	95
MM70380620	24	380	620	68	109
MM70380820	32	380	820	68	144
MM703801020	40	380	1020	68	180
MM70460540	25	460	540	68	115
MM70460620	30	460	620	68	132
MM70460820	40	460	820	68	175
MM704601020	50	460	1020	68	218
MM70580620	36	580	620	68	167
MM70580820	48	580	820	68	221
MM705801020	60	580	1020	68	274

Other important parameters:

Min. workpiece size: 150 x 150 x 17 mm
 Regrinding limit: 6 mm
 Pole size: 70 x 70 mm

Use:

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

