

MAGNETIC WORKHOLDING, LIFTING AND ACCESSORIES



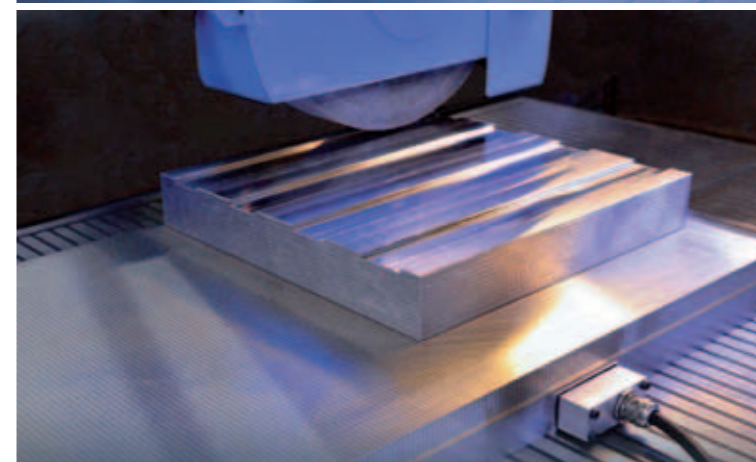
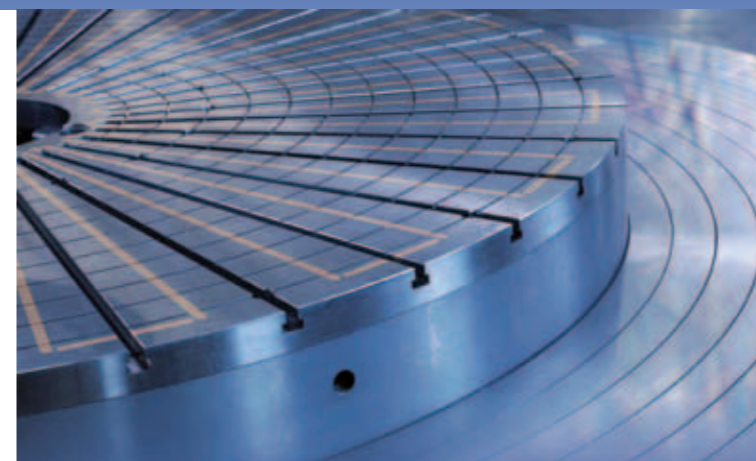
Since the company was founded in 1921 we have always been the worldwide present designer and manufacturer of universal magnetic workholding devices.

We have an expert knowledge of all magnetic applications: workholding on the machine tools, quick mould changing systems on high temperature presses, ferrous material handling, contactless magnetic drive, and we offer a wide range of magnetic accessories as well.

Taking advantage of their experience BRAILLON MAGNETICS propose a very wide range of magnetic and electromagnetic products, both for standard and special applications, including:

- Magnetic clamping of workpieces for mechanical industry, aeronautics, railway industry.
- Magnetic material handling.
- Complex demagnetization.
- Magnetic separation and filtration.

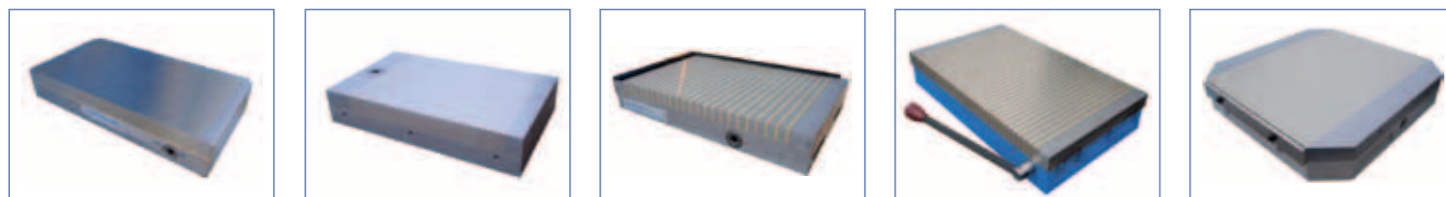
Our company always stands ready to provide answers to any question relating to your specific needs.



BRAILLON MAGNETICS
 ALPESPACE BP6
 F-73800 MONTMELIAN CEDEX
 TEL +33 (0) 479 84 21 45
 FAX +33 (0) 479 84 14 49
 info@brailon.com
 www.brailon.com



MAGNETIC CHUCKS WITH PERMANENT MAGNETS



- 10.01 PF2**
Magnetic chuck with neodymium magnets for precision grinding. Fine pole pitch 1.9 mm.
- 10.02 EDM-PF2**
Magnetic chuck for EDM. Fine pole pitch 1.9 mm.
- 10.03 TF2**
High holding force milling chuck with neodymium magnets.
- 10.06 FM**
High holding force milling chuck with ferrite magnets.
- 40.60 PF2PAL**
Magnetic chuck with neodymium magnets for palletizing systems (Erowa, 3R, etc...). Fine pole pitch 1.9 mm.

ELECTROMAGNETIC AND ELECTROPERMANENT MAGNETIC CHUCKS



- 10.21 BJP**
Electromagnetic chuck with fine pole pitch.
- 10.23 EPICA**
Electro-permanent magnetic chuck with sturdy top plate for grinding. Pole pitch: 13/18/25 mm. Full demagnetization.
- 10.25 EPEFINE**
Electro-permanent magnetic chuck for grinding. Pole pitch 4+1 mm.
- 10.26 EPEGRIPEPT/EPTZ**
Electropermanent universal magnetic chuck for grinding. Pole pitch: 15+8 mm. Full demagnetization.
- 10.26 Powerfine**
Electropermanent magnetic chuck with fine pole pitch for grinding. Full demagnetization.



- 10.31 TM18**
Electropermanent magnetic chuck with parallel poles for milling. Full demagnetization.
- 10.32 TM25 & TM40**
Electropermanent magnetic chuck with parallel poles for heavy milling. Full demagnetization.
- 10.33 TM50SQ**
Electropermanent magnetic chuck with square poles for heavy milling. Size of magnetic poles 50x50 mm.

CIRCULAR MAGNETIC CHUCKS



- 11.01 ERCA**
Circular magnetic chuck with radial poles for grinding and turning of ring-shaped workpieces. Optional auxiliary top plates.
- 11.01 ERCN**
Circular magnetic chuck with Neodym-magnets with radial poles for grinding and turning of ring-shaped workpieces. Optional auxiliary top plates.
- 11.03 FM**
Circular magnetic chuck with parallel poles for grinding and turning of medium size workpieces. Optional auxiliary top plates.
- 11.05 MPF2**
Circular magnetic chuck with neodymium magnets for high precision grinding. Fine pole pitch 1.9 mm.
- 11.06 NEOGRIP**
Circular magnetic chuck with parallel poles for grinding and turning of medium size workpieces. Optional auxiliary top plates.

ELECTROMAGNETIC AND ELECTROPERMANENT CIRCULAR MAGNETIC CHUCKS



- 11.10 & 11.14 ERC & EPERC**
Electromagnetic and electropermanent circular magnetic chucks with radial poles for grinding and turning of ring-shaped workpieces.
- 11.15 EPERC-N**
Electropermanent circular magnetic chuck with radial poles for turning.
- 11.11 & 11.16 BC & EPBC**
Electromagnetic and electropermanent circular magnetic chucks with concentric poles for grinding and turning. Full demagnetization.
- 11.12 & 11.17 ERP & EPERU**
Electropermanent circular magnetic chuck with parallel poles for grinding.
- 11.18 POWERFINE**
Electropermanent circular magnetic chuck with parallel poles.

SWIVELING AND SINE TABLES



- 12.01 PF/SI**
Magnetic chuck fitted to a high precision sine base, single tilting.
- 12.02 PFDI**
Magnetic chuck fitted to a high precision sine base, double tilting.
- 12.05 BSS/F**
Milling sine table with tapped holes, without magnetic chuck.
- 12.06 ST90**
Swiveling table with T slots. Angle of tilt up to 90 degrees.
- 12.10 EQ-PF2**
Magnetic chuck with neodymium magnets fitted to a high precision angle plate. Fine pole pitch 1.9 mm.

PERMANENT MAGNETIC BLOCKS AND LAMELLARS BLOCKS



- 13.11 BAP4**
Magnetic bloc with permanent magnets and 4 active faces.
- 13.14 BAP3**
Magnetic block with permanent magnets, with fine pole pitch and 3 active faces for grinding, EDM and inspection.
- 13.23 BM3**
Magnetic block with powerful permanent magnets, without actuating mechanism, for grinding of high alloyed workpieces.
- 13.29 BAPS**
High holding power, fine pole pitch permanent magnetic block for grinding of tungstene carbide elements.
- 13.31 VM10**
High precision magnetic vee blocks with permanent magnets.



- 13.32 VM20**
High precision magnetic vee blocks with permanent magnets.
- 13.33 VM30**
High precision magnetic vee blocks with permanent magnets.
- 13.35 VM110**
Magnetic blocks with neodymium magnets, with 4 active faces, for grinding, EDM and positioning.
- 14.01 to 14.09**
Silver brazed laminated blocks.

DEMAGNETIZATION



- 16.01 DEM**
Table demagnetizers for thin and small components.
- 16.02 DPS**
Table demagnetizers for thin and small components.
- 16.03 DEM-M1**
Hand demagnetizer for bulky components.
- 16.04 DT & T**
Tunnel demagnetizers for bulky and thick components.
- 16.06 to 16.13**
Digital and analog gaussmeters, polarity indicator.

MAGNETIC ACCESSORIES



- 13.24 BM4**
Permanent magnetic bases.
- 13.26**
Dial indicator stands.
- 17.16 WML**
Swiveling magnet for welding.
- 17.18 PMF**
Fixed magnetic welding clamps.
- 17.20 PMA**
Magnetic welding clamps for tubes and steel plates.

MAGNETIC ACCESSORIES



- 17.24 FLO**
Magnetic steel sheet separators for steel sheets up to 6 mm thick.
- 60.01/60.96**
Rectangular or round magnetic grids.
- 19.91**
Permanent magnets for EDM.

LIFTING MAGNETS



- 20.01 BHP**
Permanent lifting magnets for flat and round material handling. Lifting capacity from 100 to 3000 kg.
- 20.03**
Magnetic lifter for vertical and horizontal handling.
- 20.04 K**
Electromagnet for scrap.
- 20.06 PEP**
Electropermanent lifting magnets for flat and round material handling. Lifting capacity from 200 kg to 3000 kg.
- 20.07 PEM**
Electromagnetic lifting magnets.



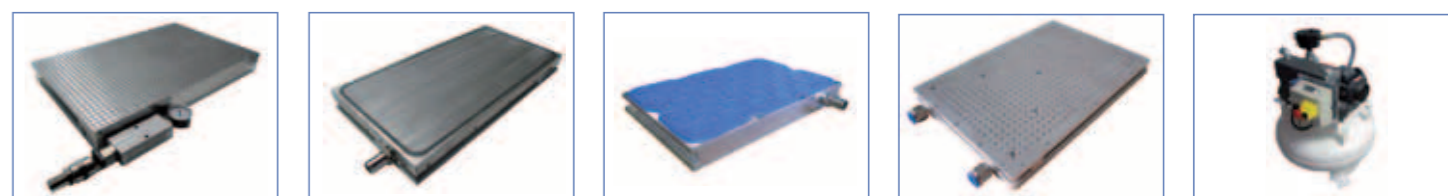
- 20.09 BHP-PN**
Pneumatically operated permanent lifting magnets. Capacity from 100 kg to 400 kg.
- 20.16 PEP-B**
Battery powered electropermanent lifting magnets for flat and round material. Capacity from 3000 kg to 8000 kg.
- 20.25 Q50**
Electropermanent magnetic lifter Q50.

LIFTING MAGNETS



- 20.11 GP**
Magnetic plate lifter for handling of flat materials in horizontal and vertical position.
- 20.14 SMHG**
Swarf collecting magnets. Available in different sizes.
- 20.20 VEM**
Electromagnetic circular holders.
- 20.21 REM**
Electromagnetic bars. Special execution on request.
- 20.10, 20.10.140 GMP & MC140**
Magnetic plate lifters for sheet handling.

VACUUM CLAMPING



- 30.01 VRS**
Vacuum grid tables. 2 types : VRS12AL and VRS25AL. Different sizes on request.
- 30.03 VMS**
Porous metal vacuum tables for thin workpieces.
- 30.04 VMT**
Vacuum plate with a mat.
- 30.05 TR**
Vacuum tables with holes, pitch 10 x 10 mm. Ideal for engraving applications.
- 30.10 VAL**
Vacuum system including vacuum tank. Oil lubricated rotary vane vacuum pump.