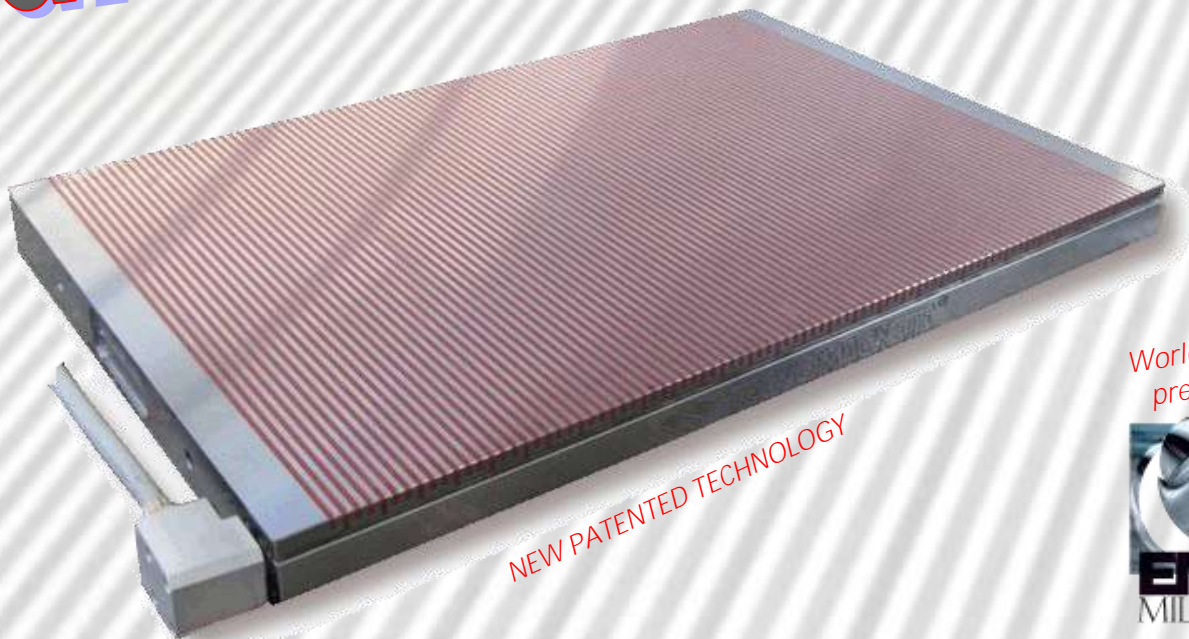


Grind-TEC

The final generation for grinding

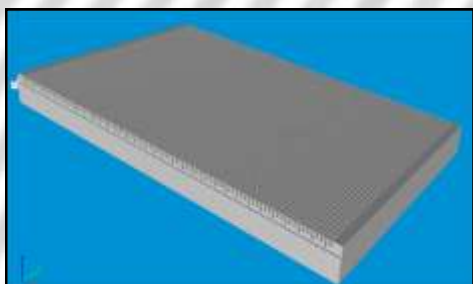
Permanent electro magnetic grinding systems
with Auto-Clamp circuit



Worldwide
preview

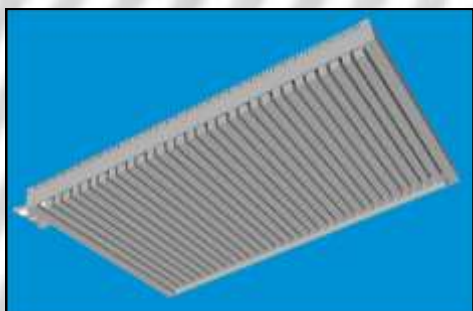
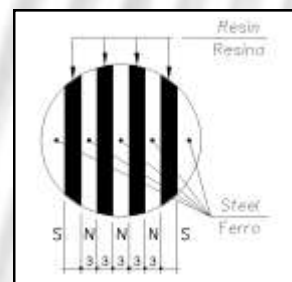


Grind-Tec is made with an integral solid block construction with no assembled mechanical parts. The compact structure comes with a thickness reduced to 40 mm only and a very low weight thus exploiting all machine capabilities.



The electrical parts and the high energy magnets are located in the lower area that is protected and sealed by the full metallic working surface.

The polar area is composed of integral raised poles with a fine pitch of 3+ 3 mm filled with high resistance resin. The working surface can be re-grounded up to 5 mm.



The *AutoClamp* circuit permits to Grind-Tec to clamp itself magnetically to the machine table allowing a perfect uniformity and stability between the work piece and the machine.



Grind-Tec is clamped on the machine table with the same or higher force compared to the force generated in the work piece. The same clamping force will last for ever.

No fixing bolts, no clamps. No fixing holes and T slots on the machine tables are required.



TECNOMAGNETE
Safety through power

The Permanent electro technology with the Nuflux cycle invented by Tecnomagnete grants many advantages that thousands of customers around the world already know:

- No electrical supply is needed during machining cycle.

Only few seconds during the activation (MAG) and de-activation (DEMAG) phases of the magnetic circuit.

- Total safety. No energy consumption. No heat generation.

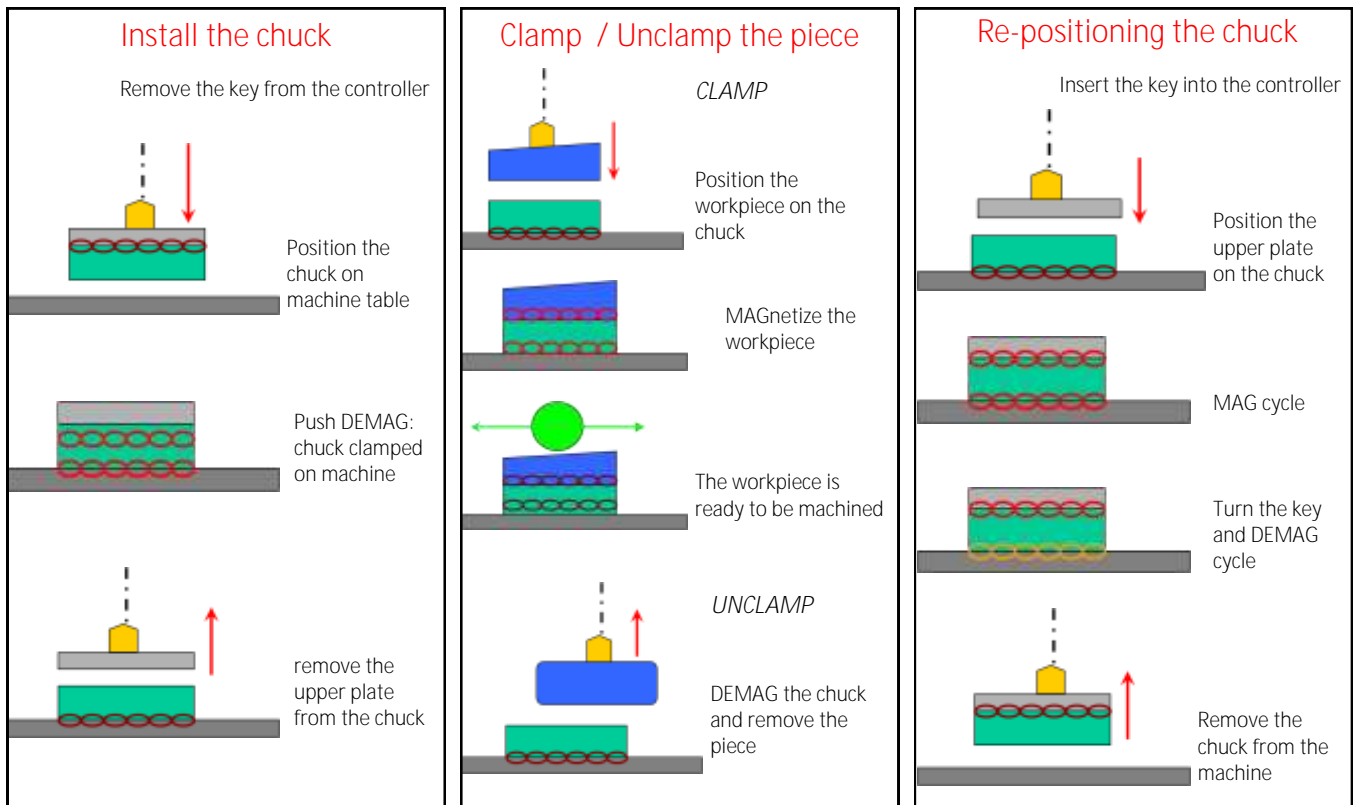
No deformation. No moving and wearing parts.

- No residual magnetism even with highly alloy material.

- High accuracy. Long time reliability. No maintenance



ST100 compact electronic control unit with 3 levels power regulator



TECHNICAL CHARACTERISTICS - GRINDTEC standard version	
Force:	Up to 8 kg/cm ²
Polar pitch	3 + 3 mm
Standard dimensions	Length: from 300 to 1000 mm Width: from 200 to 600mm
Fixing to machine table	AUTOCLAMP system
Thickness	40 mm
Minimum thickness for short-circuiting	3 mm

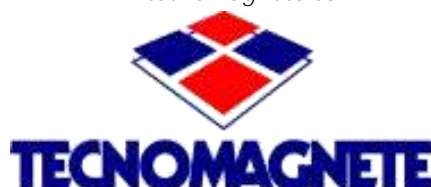


All data are drawn and checked with maximum care. We do not charge any responsibility for possible mistakes or omissions. We reserve the right to bring up any modification connected with the technological development.

Headquarters:
TECNOMAGNETE spa
Via Nerviano,31—20020 Lainate (MI) - Italia
Tel +39 02 937591—fax +39 02 93570857
E-mail: info@tecnomagnete.it

Consociates:
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