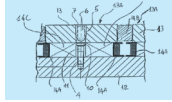
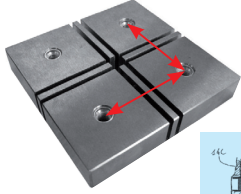


# QUAD EXTRA



## EXCLUSIVE PATENTED TECHNOLOGY

The intrinsic safety is granted by the permanent-electro magnetic circuit, with the electric power needed only for few seconds to activate and deactivate the chuck and with the work piece clamped only by the power given by the high energy permanent magnets.

The **exclusive assembly technique** and the quality of the components used improve the magnetic performances and reduce the weight and the thickness, increasing the reliability.

The magnetic area is made of a modular polar plate machined from a solid block, fixed with special high resistance screws to the main body.

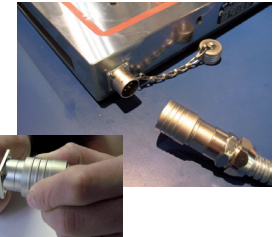
The lean design with no other fixing parts grants a "Full proof" seal and an absolute mechanical stability and reliability.

The clamping surface is made of steel and resin and the **"double grid"** polar layout allows to get closer magnetic stitches for a better clamping of small parts.

Quad Extra series have wider **drillable areas** to customize the chuck according to specific needs, and hardened threaded holes for fixing the pole extensions with **more** accurate pitch and higher depth. The new **Push-Pull** fast connectors are practical and compact.

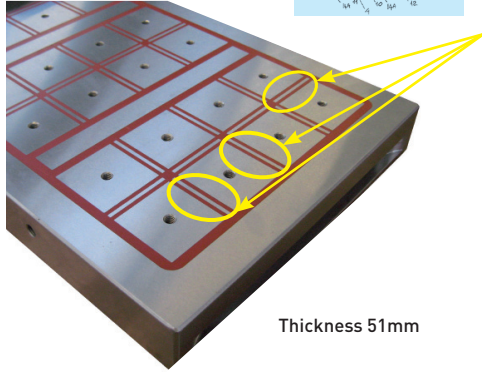
## SELF SHIMMING

3 fixed extensions in combination with a set of mobile ones create a flexible magnetic bed able to adjusting itself to the work piece to be clamped and to lock it firmly with no deformation. This easily grants a distortion-free clamping and contouring and through drilling operations in a single setup.

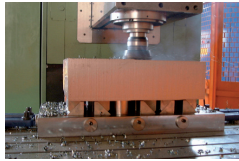
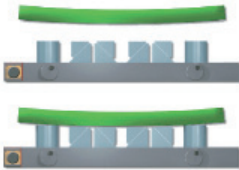


## TOP PERFORMANCES

- 230V feeding
- no power supply during machining
- energy saving
- uniform clamping
- no vibrations
- 5 sides full machining with one setup
- full use of machine strokes
- quick work piece setup
- self shimming
- no maintenance

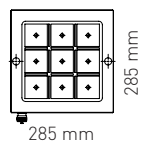


Thickness 51mm

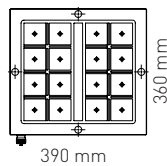


## DIMENSIONS AND TECHNICAL CHARACTERISTICS

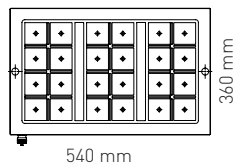
QX 303 UMK



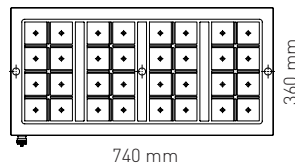
QX 404 UMK



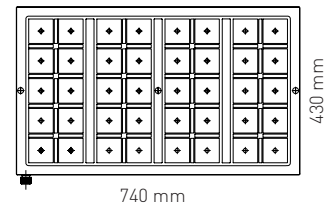
QX 406 UMK



QX 408 UMK



QX 508 UMK



Model QX	Dimensions mm	Weight kg	Poles n°	min. depth (mm)	Force/pole daN	Force** Ton
303 UMK	285 x 285 x 51	35	8	15	615	5
404 UMK	360 x 390 x 51	50	16	15	615	10
406 UMK	360 x 540 x 51	75	24	15	615	15
408 UMK	360 x 740 x 51	95	32	15	615	20
508 UMK	430 x 740 x 51	120	40	15	615	25

\*\*Data refer to mild steel workpiece in direct contact with the full magnetic area at 0mm air-gap.

Control Unit	Dimensions	Weight kg	Voltage Volt	Rate Max kVA	Push-button functions
ST100F	135 x 135 x 75	0,4	220	3	MAG/DEMAG/SAFE/ALARM

ST100F is supplied with UCS current detecting system and machine safety connector.  
Wiring chuck-controller PVC cable with flexible zinc plated steel conduit (3m).

We reserve the right to make changes related to the technological progress.

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