

# UNI-MiLL Modulo 404

## SPECIAL PROMOTION

Permanent-electro magnetic chuck for universal clamping of steel workpieces or fixturing plates on all milling machines and machining centers.

5 sided machining

Faster set-up

No maintenance

Monoblock construction

Intrinsically safe

No energy consumption

Modular chuck SQ 404UMK  
size 360 x 400 mm  
only 54 mm thick  
**10 Tons**  
clamping force

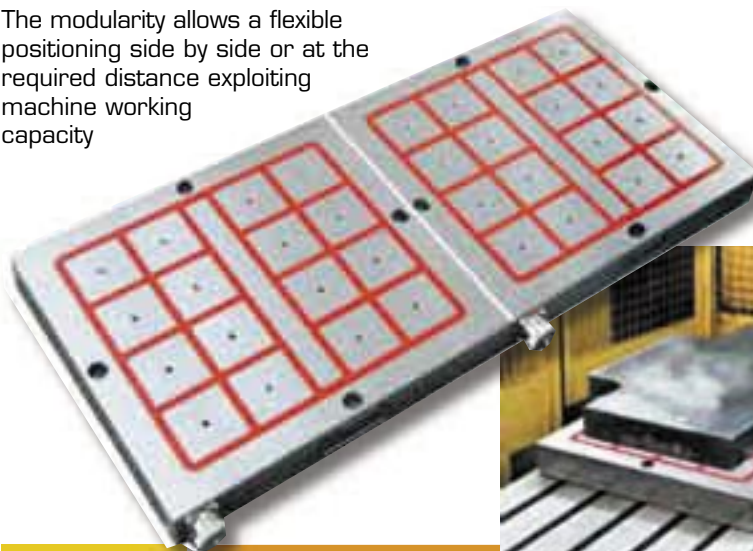
Compact, lightweight and portable  
Electronic control unit ST100 220V  
with push buttons for MAG/DEMAG cycles



€ **1.490,00**

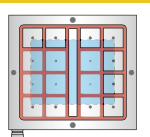
€ **460,00**

The modularity allows a flexible positioning side by side or at the required distance exploiting machine working capacity

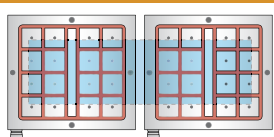


Uniform clamping eliminates vibrations improving machining quality and extending tool life.

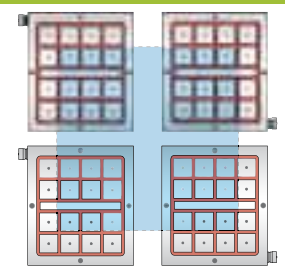
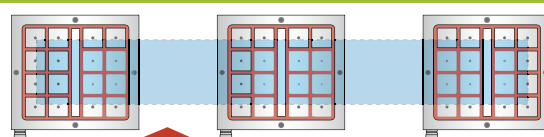
Single chuck



2 modules to make a table



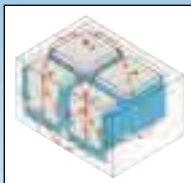
Multiple chuck table can be composed according the required layout to match the shape of the workpiece



**3** Year warranty

**TECNOMAGNETE®**  
Safety through power

# QUADSYSTEM PERMANENT-ELECTRO TECHNOLOGY



The square poles patented QUADSYSTEM double-magnet circuit allows to obtain the highest concentration of force and perfect uniformity of clamping all over the chuck surface. The permanent-electro circuit requires the electrical power only for the activation (MAG) and deactivation (DEMAG) cycles. During machining the power cable can be disconnected and the magnetic strength will remain constant at indefinite period of time. The patented "neutral crown system" prevents any magnetic flux dispersion avoiding any interference with the machine components and the tools.

Large solid steel shoulders for fixing holes and dedicated reference stops



N.4 through holes for easy mounting to the machine table making it possible to orientate the chuck for the required layout.

The electronic control unit ST100 in voltage 220V allows magnetization and de-magnetization procedures in few seconds.



The magnetic bottom surface allows an easy and firm positioning on any metal frame.

The waterproof quick connector allows the user to disconnect the 3m armoured discharge cable from the chuck during all machining operations.



## Pole Extensions



Fixed round pole extensions raise the part from the chuck surface allowing contouring and through hole machining.



A self shimming system can be obtained by covering 3 poles with fixed pole extensions and the rest with moving ones.



**PFR60** € 6,00 each



**PMQ60** € 19,00 each

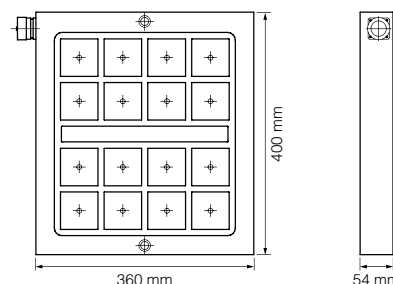


All prices valid Ex our Works Lainate (MI), Italy - Packing included

## Technical Characteristics

SQ 404 UMK	
Pole size	62 x 62 mm
Force each pole	610 DaN
Poles no.	16
Max. clamping force	10 Tons
Min. magnetic depth	20 mm
Thickness	54 mm
Weight	60 kg

ST100 Control Unit	
Dimensions	135 x 135 x 75 mm
Voltage	200 - 230V
Rate Max	3 KVA
Weight	0,4 kg
Pole extensions	
Fixed round PFR60	Diam. 60 x 41 mm
Moving square PMQ60	60 x 60 x 41 mm



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[www.tecnomagnete.com](http://www.tecnomagnete.com)



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Safety through power

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