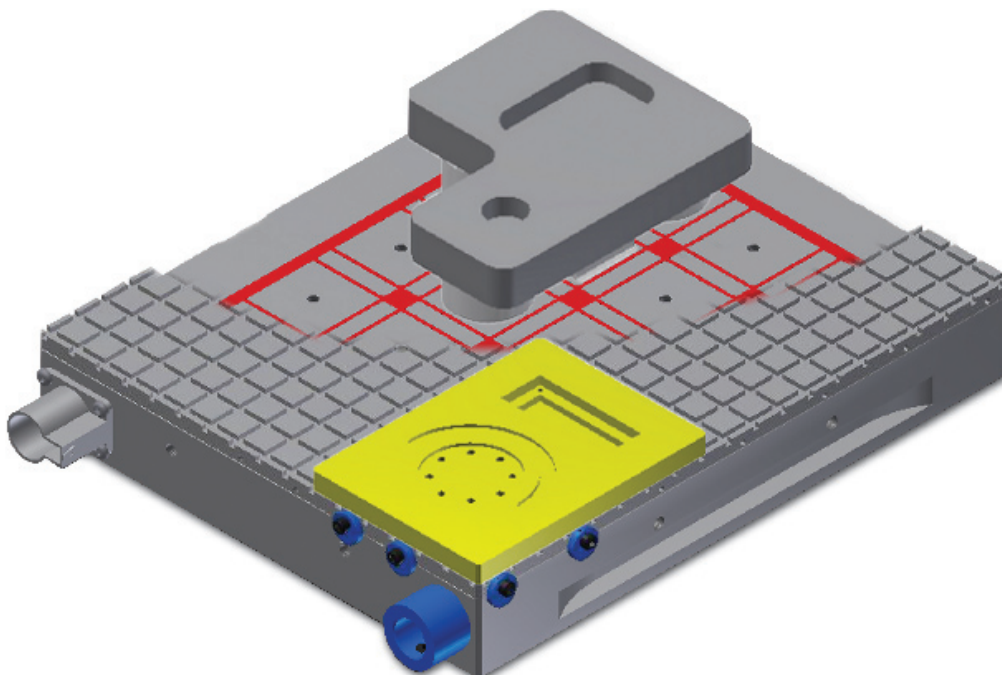


MAC-VAC Magnetic-Vacuum Hybrid Clamping-System

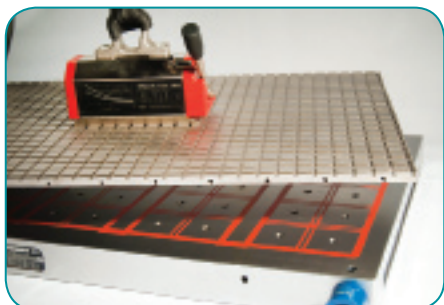
The patented MAG VAC technique allows a magnetic chuck in a few seconds to convert a vacuum chuck. This solution is particularly attractive when the magnetic chuck is usually not or only rarely is removed from the machine and both magnetizable and non- magnetizable workpieces to be processed.



MAC-VAC Magnetic-Vacuum Hybrid Clamping-System

Easy conversion:

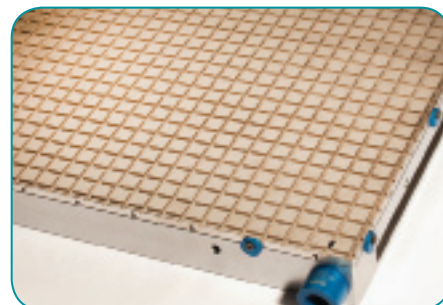
In the MAG - VAC -compatible electro-permanent magnetic chuck the MAG VAC Grid adapter plate is placed, pushed into position and clamped magnetically. After that, the hose of a commercial vacuum port is connected to the magnetic clamping plate - done.



Step 1:
Positioning the MAC VAC
GRID adapter plate



Step 2:
Activating the Magnetic
Chuck



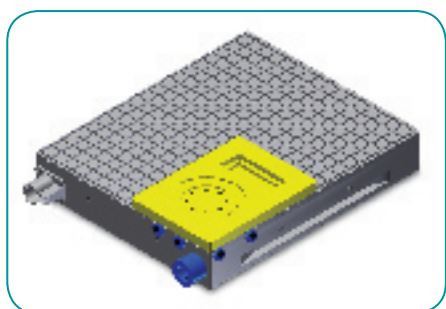
Step 3:
Connecting the vacuum
pump - ready

MAG VAC standards are available in sizes 50 and QX QX 403 HE 406 HE 50, but any other QX magnetic chuck in our range can be supplied as MAG - VAC system. Likewise, it is possible to retrofit existing plates.

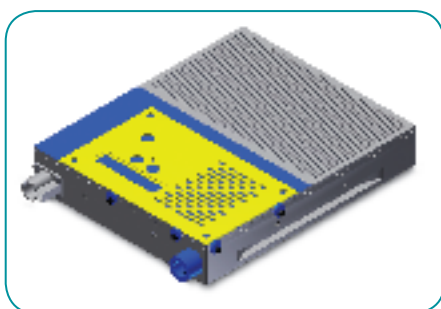
Model	Item-Nr.	Dimensions (mm)			Number Poles° N	Weight (kg)	Matching Control units*
		L	W	H			
QX 403 HE50	2520 403	400	330	51	20	50	ST120 ER / ST211 ER
QX 406 HE50	2520 406	400	620	51	40	90	ST120 ER / ST211 ER

* Control unit not included, Selection on Pages 87 - 88

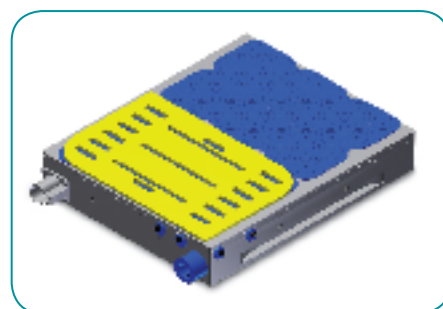
Optionally, the clamping possibilities of working with sealing cord GRID be expanded adapter plate through the use of SLOT PLATE grooved plate or the VAC - MAT chamber plate. Attractive if from thin materials workpieces have to be milled.



GRID adapter plate



SLOT-PLATE



VAC-MAT Wall Sheet