



MAGBAT

EUROPE

HEPMP

ELECTRO PERMANENT MAGNETIC
MODULES FOR PRODUCTION AND
WELDING AUTOMATION



MAXIMUM SAFETY

The magnet is activated by a short current pulse. The effective force is generated by permanent magnets.



ENERGY FRIENDLY

95% less energy consumption than traditional electromagnets. A short current pulse is enough to activate / deactivate the magnet.



NO MAGNETIC INTERFERENCES

The magnetic field is local, controlled and does not spread through the material. It doesn't affect welding operations.





MAGNETIC GRIPPERS

Model	Rated lifting force (Material Thickness ≥ 16mm)	Min. material thickness	Max. breakaway force	L (mm)	W (mm)	H (mm)	Weight (kg)
HEPMP-1510P50	160kg	≥ 6mm	650kg	150mm	100mm	72mm	8kg
HEPMP-320P50	320kg	≥ 6mm	1300kg	180mm	180mm	72mm	17kg
HEPMP-500P50	500kg	≥ 6mm	1950kg	250mm	180mm	72mm	23kg
HEPMP-720P50	720kg	≥ 6mm	2925kg	250mm	250mm	72mm	32kg
HEPMP-2012P70	320kg	≥ 8mm	1100kg	190mm	110mm	72mm	12kg
HEPMP-2020P70	640kg	≥ 8mm	2200kg	200mm	200mm	72mm	22kg

Model	Rated lifting force (Material Thickness ≥ 16mm)	Min. material thickness	Max. breakaway force	L (mm)	W (mm)	H (mm)	Weight (kg)
HEPMP-30P30B	30kg	2-12mm	120kg	100mm	54mm	58mm	2.2kg
HEPMP-60P30B	60kg	2-12mm	200kg	100mm	100mm	58mm	4.6kg
HEPMP-100P30B	100kg	2-12mm	400kg	140mm	100mm	58mm	5.5kg
HEPMP-200P30B	200kg	2-12mm	800kg	260mm	100mm	58mm	10kg
HEPMP-60P30	60kg	3-12mm	220kg	110mm	60mm	58mm	3.7kg
HEPMP-1406P30	90kg	3-12mm	320kg	140mm	60mm	58mm	4.0kg
HEPMP-1906P30	120kg	2-12mm	440kg	190mm	60mm	58mm	4.8kg

Model	Rated lifting force (Material Thickness ≥ 16mm)	Min. material thickness	Max. breakaway force	L (mm)	W (mm)	H (mm)	Weight (kg)
HEPMSP-60P45×24	60kg	≥ 3mm	240kg	145mm	90mm	81mm	8kg
HEPMSP-100P45×24	100kg	≥ 3mm	360kg	200mm	120mm	81mm	12kg
HEPMSP-200P45×24	200kg	≥ 3mm	600kg	370mm	105mm	81mm	17kg
HEPMSP-300P45×24	300kg	≥ 3mm	900kg	435mm	105mm	81mm	23.5kg

Customized round magnet	Rated lifting force	Plate thickness	Max. breakaway force	D (mm)	H (mm)	Weight (kg)
HEPM1-25	3kg	≥ 2mm	15kg	25mm	35mm	120g
HEPM1-40-A	20kg	≥ 4mm	80kg	40mm	48mm	420g
HEPM1-40-B	20kg	≥ 4mm	80kg	40mm	40mm	350g
HEPM1-50	30kg	≥ 6mm	100kg	49mm	45mm	650g
HEPM1-60-A	50kg	≥ 8mm	200kg	59mm	50mm	1kg
HEPM1-60-B	50kg	≥ 8mm	200kg	59mm	50mm	1kg
HEPM1-75	90kg	≥ 12mm	400kg	78mm	48mm	1.5kg
HEPM1-100	150kg	≥ 16mm	650kg	100mm	65mm	3.5kg
HEPM1-125	250kg	≥ 20mm	1200kg	125mm	65mm	6kg
HEPM1-150	320kg	≥ 25mm	1500kg	158mm	70mm	9.5kg