

**MH**



**Hydraulic  
magnets**

  
**DEHACO**

English

# MH

## Dehaco hydraulic magnets

Dehaco's MH hydraulic magnets are simple in working yet highly effective. They can be coupled onto any excavator or crane with its own or an auxiliary hydraulic circuit. Additional cable connections are not necessary.

Initiating the hydraulic circuit causes a hydraulic motor, that is coupled to a generator to produce electricity. The strong magnetic field that is produced makes highly efficient lifting and moving of ferrous materials possible. Once the flow of oil to the magnet is stopped the ferrous material will be dropped directly.

All of the magnets components are assembled in a semi-flexible manner and enclosed in robust, smooth housing manufactured from high quality materials.

This protects the magnet from shocks and objects entering the housing.

The coil of the magnet has a very low current density. This prevents an accumulation of heat within the coil and ensures reliability.

The capacity of the magnet is dependent on the diameter of the magnet, its generator and the type of material that will be lifted. Dehaco has 5 models with diameters from 820 mm to 1500 mm, that are suitable for excavators from 10 to 50 ton carriers.

Coupling the magnet to the carrier is possible using either the three leg chain or an top bracket.

The hydraulic MH magnets can be used for a wide range of applications. Including the sorting and loading/unloading of ferrous materials by recycling companies. They have also been proven in the demolition industry to assist in the demolition of buildings containing steel.



## Dehaco hydraulic magnets 3 Leg chain

Technical specifications

		MH80-C	MH100-C	MH125-C	MH125-C PRO	MH150-C
Carrier weight class <sup>(1)</sup>	t	7 - 12	12 - 18	18 - 30	20 - 35	25 - 40
Operational weight <sup>(2)</sup>	kg	665	1290	1670	2020	2490
Standard weight <sup>(3)</sup>	kg	650	1270	1650	2000	2460
Diameter magnet	mm	820	1050	1250	1250	1500
Oil flow	l/min	40 - 80	70 - 200	70 - 200	70 - 200	70 - 250
Operating pressure	bar	80	110	150	150	200
Power	kW	3,2	5,5	7,2	9	11
Voltage	V	220	220	220	220	220
Article number		3410.0004	3410.0002	3410.0001	3410.0021	3410.0005

(1) Weights are only applicable to standard carriers. All deviations must be agreed upon prior to the installation by Dehaco and/or the manufacturer of the carrier.

(2) Magnet weight including standard 3 leg chain and hose set.

(3) Magnet weight excluding 3 leg chain and and hose set.

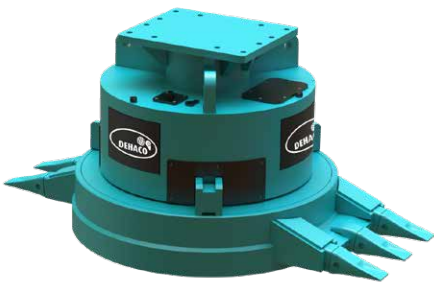
# MH



## Dehaco hydraulic magnets Head plate

Technical specifications

		MH80-F	MH100-F	MH125-F	MH125-F PRO	MH150-F
Carrier weight class <sup>(1)</sup>	t	9 - 14	18 - 22	22 - 30	25 - 35	32 - 40
Operational weight <sup>(2)</sup>	kg	1040	1920	2410	2510	3340
Standard weight <sup>(3)</sup>	kg	830	1710	2200	2300	3130
Diameter magnet	mm	820	1050	1250	1250	1500
Oil flow	l/min	40 - 80	70 - 200	70 - 200	70 - 200	70 - 250
Operating pressure	bar	80	110	150	150	200
Power	kW	3,2	5,5	7,2	9	11
Voltage	V	220	220	220	220	220
Article number		3410.0007	3410.0006	3410.0009	3410.0022	3410.0008



## Dehaco hydraulic magnets Head plate with interchangeable tooth

Technical specifications

		MH80-FT	MH100-FT	MH125-FT	MH125-FT PRO	MH150-FT
Carrier weight class <sup>(1)</sup>	t	9 - 14	18 - 22	25 - 30	25 - 35	35 - 50
Operational weight <sup>(4)</sup>	kg	1190	2090	2570	2710	3810
Standard weight <sup>(3)</sup>	kg	980	1880	2360	2500	3600
Diameter magnet	mm	820	1050	1250	1250	1500
Oil flow	l/min	40 - 80	70 - 200	70 - 200	70 - 200	70 - 250
Operating pressure	bar	80	110	150	150	200
Power	kW	3,2	5,5	7,2	9	11
Voltage	V	220	220	220	220	220
Article number		3410.0016	3410.0015	3410.0014	3410.0020	3410.0017

- (1) Weights are only applicable to standard carriers. All deviations must be agreed upon prior to the installation by Dehaco and/or the manufacturer of the carrier.
- (2) Magnet weight including standard top bracket and hose set.
- (3) Magnet weight excluding adapter plate and hose set.
- (4) Magnet weight including standard top bracket, hose set and tooth.

## Interchangeable tooth set

Model	Type	Article number
MH80-FT	Tooth set including 5x teeth, pin and washer	3415.0022
MH100-FT	Tooth set including 5x teeth, pin and washer	3415.0023
MH125-FT	Tooth set including 5x teeth, pin and washer	3415.0024
MH125-FT PRO	Tooth set including 5x teeth, pin and washer	3415.0024
MH150-FT	Tooth set including 5x teeth, pin and washer	3415.0025

# Dehaco Products



**Hydraulic Attachments**



**Dust suppression systems**



**Safety Products**

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