

# Hydraulic electromagnets

### **Technical brochure**







## Hydraulic electromagnets

Hydraulic electromagnets are the ideal equipment for handling ferrous materials from industrial demolition and are mainly used in demolition and recycling plants or in scrap yards. This attachment can be mounted on several machines and vehicles used in demolition sites, such as loaders and excavators, offering an advantage in terms of convenience and efficiency.

H<sub>2</sub>

ATIB Magnetics range includes three types of hydraulic electromagnets: one with teeth, one with plate and one with chain.



#### IC

Hydraulic electromagnets with chain are ideal for scrap cleaning and handling and are mainly used in recycling sites and scrap yards. Generally attached to loaders, they can also be used with excavators and offer the best capacity/weight ratio.

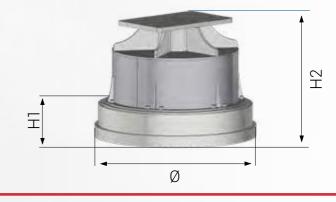
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	MODELS	75IC	75IP	75ID	85IC	85IP	85ID	96IC	96IP	96ID
	Machine weight (Ton) min-max	7-15	8-15	8-15	9-16	10-16	10-16	12-20	13-20	14-20
L	Min. Flow (L/min)	50	50	50	50	50	50	50	50	50
L	Max. Flow (L/min)	150	150	150	150	150	150	150	150	150
***	Max. Pressure (Bar)	200	200	200	200	200	200	200	200	200
Ø	Diameter (mm)	750	750	750	850	850	850	960	960	960
<b>‡</b> н1	H base (mm)	245	245	245	245	245	245	260	260	260
<b>‡</b> н₂	H including chain/plate (mm)	1100	860	860	1100	860	860	1200	860	860
KW	Power (kW)	2,6	2,6	2,6	3,4	3,4	3,4	4,5	4,5	4,5
<b>Ω</b> κ <sub>g</sub>	Weight (Kg)	600	680	730	740	820	880	840	940	1030
4	Voltage (V)	220	220	220	220	220	220	220	220	220

sales@atibmagnetics.com

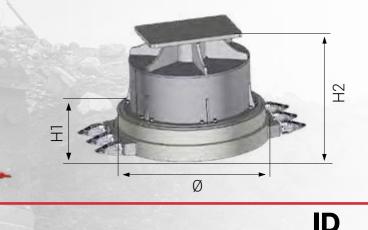


Hydraulic electromagnets with a plate for quick coupling can be attached without operator's manual intervention and have a more precise positioning on the material, making them extremely efficient. In addition, the plate can be modified/customised according to customers needs, in order to fit the used machinery. They are typically attached to excavators.

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#### IP



Hydraulic electromagnets with teeth are mainly used in demolition sites. The teeth are designed to rake debris, making it easier to extract ferrous materials. Theeth are also equipped with a quick fitting device and are easy to replace in case of wear. These electromagnets are equipped with a plate for quick hitch, providing the advantage that they can be attached without manual intervention. They are typically used with excavators and heavy machinery due to their high weight.