



Hydraulic electromagnets with 360 deg rotation

Technical brochure

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The 360 deg rotation hydraulic magnet combines the practicality of a hydraulic magnet, which does not require a generator onboard the carrier-machine, with the versatility of a rotating attachment.

Like all hydraulic magnets it does not require electrical connection but it is a fully hydraulic equipment, to fit to loaders or excavators equipped with double hydraulic service (magnet + rotation).

It has been designed for the handling of long scraps (rods, pipes, rails, rebars) or plates (ship demolition sheets, oxy-cutting waste) that often require alignment in order to be handled more easily.











The rotation with a system made by slewing ring + planetary gearbox makes it suitable even for the heaviest duties.

Although especially popular in the version without teeth, ATIB Magnetics' 360 deg rotating magnets are also available in the version with teeth.



IPR

The classic version without teeth allows the collection of long pieces and their loading on vehicles with extreme ease and in total safety conditions.

	MODELS	75IPR	85IPR	96IPR	105IPR	114IPR	126IPR	150IPR
	Machine weight (Ton) min-max	10-16	12-20	14-22	18-27	20-30	24-35	35-45
	Diameter (mm)	750	850	960	1050	1140	1260	1500
	H base (mm)	245	245	260	270	270	270	300
	H to the plate (mm)	1250	1250	1250	1300	1300	1300	1350
KW	Power (kW)	2,6	3,4	4,5	5,5	6,0	7,5	12
	Voltage (V)	220	220	220	220	220	220	220
	Magnet Flow (L/min)	50-150	50-150	50-150	70-150	70-150	70-150	100-150
	Magnet Max Pressure (Bar)	200	200	200	200	200	200	200
	Rotation Flow (L/min)	30	30	30	30	30	30	30
	Rotation Pressure (Bar)	110	110	110	110	110	110	110
	Weight (Kg)	1100	1220	1350	1750	1850	2150	3100

IDR

It is the swivel version of the very popular hydraulic magnet with teeth. The ability to rotate the system allows you to slightly tilt the teeth, making the collection of small pieces even more effective. The slewing ring + gearbox mechanism allows you to work even with high inclinations and loads. Even more effective on demolition sites.



	MODELS	75IDR	85IDR	96IDR	105IDR	114IDR	126IDR	150IDR
	Machine weight (Ton) min-max	10-16	13-21	15-23	20-30	22-32	25-38	36-50
	Diameter (mm)	750	850	960	1050	1140	1260	1500
	H base (mm)	245	245	260	270	270	270	300
	H to the plate (mm)	1250	1250	1250	1300	1300	1300	1350
KW	Power (kW)	2,6	3,4	4,5	5,5	6,0	7,5	12
	Voltage (V)	220	220	220	220	220	220	220
	Magnet Flow (L/min)	50-150	50-150	50-150	70-150	70-150	70-150	100-150
	Magnet Max Pressure (Bar)	200	200	200	200	200	200	200
	Rotation Flow (L/min)	30	30	30	30	30	30	30
	Rotation Pressure (Bar)	110	110	110	110	110	110	110
	Weight (Kg)	1150	1280	1430	1900	2000	2300	3350