



Hydraulic electromagnets from ESA series are suitable for handling iron material, especially scrap aimed at recycling. Designed for being installed as an accessory element, they are normally mounted on excavators or material handling machines. Hydraulic electromagnets are devoid of commands and can be operated by activating the hydraulic flow of the circuit they are connected to, like the rotation circuit of the polyp grab of a handling machine or the hammer line of an excavator. Their being autonomous makes them extremely flexible and compatible with most of the machines working on scrap yards, without having to use special equipment provided with a traditional electromagnet supply system. The entire ESA series is designed to offer high-quality and cutting-edge products.

TH VERSION

It's the most complete and strongest version of our hydraulic electromagnets. Besides the predisposition for a quick-coupling, the magnetic plate of the electromagnet features two sets of teeth opposed to each other, whose function is to move the material on the ground and hence ease the recovery of the iron scrap. As with the HEH version, this one is provided with a LED light indicator for constantly monitoring the oil flow, too.



L VERSION

Hydraulic electromagnets specifically designed for being installed on handling machines where the oil flow available never exceeds 40 l/min.

S VERSION

Hydraulic electromagnets designed for being installed on truck cranes or small handling machines, thanks to a low weight and a minor oil flow required.

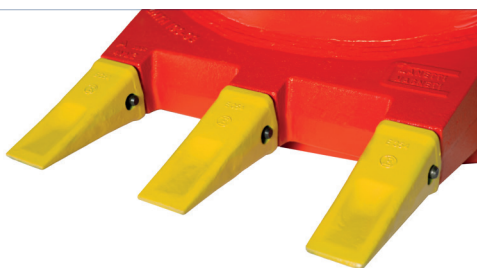


HEH VERSION

Hydraulic electromagnets with a stronger structure suitable for heavy-duty works, especially demolitions. Mounted on the operating machine at the place of the bucket, they are set for a quick-coupling, including "OilQuick" system, through an orifice flat top plate whose size and hole pattern are customizable. They are also provided with a LED light indicator for constantly monitoring the oil flow.

HE VERSION

Hydraulic electromagnets with hooking by three-arm chain and big central ring. Structure lighter than HEH and TH version.



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HYDRAULIC ELECTROMAGNETS

ESA

HYDRAULIC ELECTROMAGNETS "ESA" SERIES "L" VERSION – EQUIPPED WITH FIXED DISPLACEMENT MOTOR

MODEL	POWER (kW)	WEIGHT (kg)	OIL FLOW (l/min)	MAX PRESSURE (bar)	DIAMETER (mm)	H (mm)	MACHINE WEIGHT (Ton min - max)
ESA 70 L	1,8	430	18	120	700	1170	5-10
ESA 80 L	2	565	18	120	820	1175	6-10
ESA 90 L	3	700	25	130	920	1210	7-10
ESA 100 L	4	1050	35	130	1050	1250	10-15
ESA 110 L	4,5	1250	35	140	1120	1250	12-18
ESA 120 L	4,5	1400	35	140	1200	1320	14-20

* The height "H" includes the hooking-up chain.

*The weight of the machine is only indicative and not binding.

HYDRAULIC ELECTROMAGNETS "ESA" SERIES "HE" VERSION – EQUIPPED WITH FIXED DISPLACEMENT MOTOR

MODEL	POWER (kW)	WEIGHT (kg)	OIL FLOW (l/min)	MAX PRESSURE (bar)	DIAMETER (mm)	H (mm)	MACHINE WEIGHT (Ton min - max)
ESA 80 HE	3,2	670	35	130	820	1215	7-10
ESA 90 HE	3,4	565	35	130	920	1220	8-10
ESA 95 HE	4,5	1015	55	120	950	1280	10-15
ESA 95/07 HE	7	1215	70	130	950	1330	12-18
ESA 100 HE	5,5	1270	70	110	1050	1330	14-20
ESA 100/07 HE	7	1500	70	130	1050	1405	15-20
ESA 100/09 HE	9	1540	70	150	1050	1405	16-22
ESA 110 HE	6,5	1440	70	120	1120	1330	15-20
ESA 125 HE	7,2	1650	70	130	1250	1390	17-25
ESA 125/09 HE	9	1925	70	150	1250	1400	20-28
ESA 125/10 HE	10	2175	70	160	1250	1455	22-30
ESA 150 HE	11	2700	70	160	1500	1595	28-35

* The height "H" includes the hooking-up chain.

*The weight of the machine is only indicative and not binding.

HYDRAULIC ELECTROMAGNETS "ESA" SERIES "S" VERSION – EQUIPPED WITH FIXED DISPLACEMENT MOTOR

MODEL	POWER (kW)	WEIGHT (kg)	OIL FLOW (l/min)	MAX PRESSURE (bar)	DIAMETER (mm)	H (mm)	MACHINE WEIGHT (Ton min - max)
ESA 92 S	1,8	480	18	120	920	1105	5-10

* The height "H" includes the hooking-up chain.

*The weight of the machine is only indicative and not binding.

HYDRAULIC ELECTROMAGNETS "ESA" SERIES "HEH" VERSION – EQUIPPED WITH FIXED DISPLACEMENT MOTOR

MODEL	POWER (kW)	WEIGHT (kg)	OIL FLOW (l/min)	MAX PRESSURE (bar)	DIAMETER (mm)	H (mm)	MACHINE WEIGHT (Ton min - max)
ESA 80 HEH	3,2	830	35	130	820	755	9-15
ESA 90 HEH	3,4	940	35	130	920	755	10-15
ESA 95 HEH	4,5	1420	55	120	950	915	16-22
ESA 95/07 HEH	7	1620	70	130	950	985	18-24
ESA 100 HEH	5,5	1710	70	110	1050	915	20-25
ESA 100/07 HEH	7	1940	70	130	1050	990	22-28
ESA 100/09 HEH	9	1980	70	150	1050	990	22-28
ESA 110 HEH	6,5	1880	70	120	1120	915	20-25
ESA 125 HEH	7,2	2200	70	130	1250	925	25-30
ESA 125/09 HEH	9	2275	70	150	1250	945	25-30
ESA 125/10 HEH	10	2525	70	160	1250	1000	28-35
ESA 150 HEH	11	3450	70	160	1500	985	36-45

* The height "H" includes the drilled flat top plate.

*The weight of the machine is only indicative and not binding.

HYDRAULIC ELECTROMAGNETS "ESA" SERIES "TH" VERSION – EQUIPPED WITH FIXED DISPLACEMENT MOTOR

MODEL	POWER (kW)	WEIGHT (kg)	OIL FLOW (l/min)	MAX PRESSURE (bar)	DIAMETER (mm)	H (mm)	L (mm)	MACHINE WEIGHT (Ton min - max)
ESA 80 TH	3,2	980	35	130	820	755	1490	11-17
ESA 90 TH	3,4	1065	35	130	920	755	1580	12-18
ESA 95 TH	4,5	1520	55	120	950	915	1610	17-24
ESA 95/07 TH	7	1720	70	130	950	985	1610	18-24
ESA 100 TH	5,5	1880	70	110	1050	915	1710	20-25
ESA 100/07 TH	7	2130	70	130	1050	990	1710	22-28
ESA 100/09 TH	9	2170	70	150	1050	990	1710	22-28
ESA 110 TH	6,5	2080	70	120	1120	915	1790	20-25
ESA 125 TH	7,2	2360	70	130	1250	925	2030	25-30
ESA 125/09 TH	9	2450	70	150	1250	945	2030	25-30
ESA 125/10 TH	10	2700	70	160	1250	1000	2030	28-35
ESA 150 TH	11	3670	70	160	1500	985	2480	36-45

* The height "H" includes the drilled flat top plate. The length "L" includes the teeth.

*The weight of the machine is only indicative and not binding.