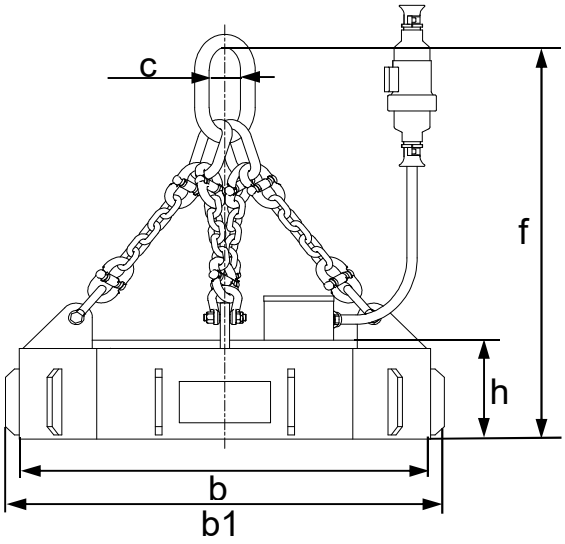

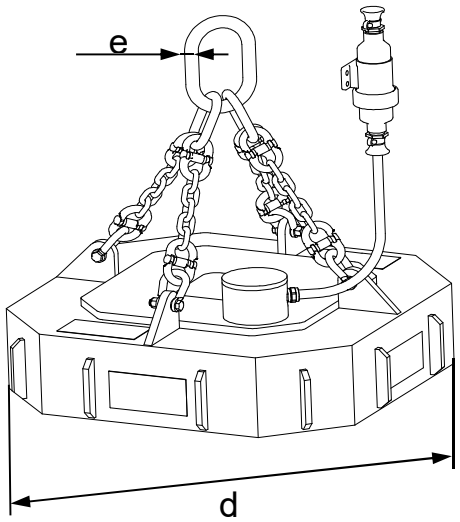

Light Scrap Torus - Magnet

MAGNET TYPE LST-			700/700	900/900	1100/1100	1300/1300	1500/1500	1800/1800	2000/2000
Power consumption		[W]	2'430	3'480	5'960	6'140	8'290	13'260	14'620
Voltage		[V]	110	110	110	110	110	220	220
Current		[A]	22.09	31.60	54.20	55.80	75.30	60.30	66.50
Duty Cycle ED		[%]	60	60	60	60	60	60	60
Dead weight		[kg]	500	740	1'240	1'580	2'400	3'840	6'010
Drum Cable		[mm^2]	5x10	5x10	5x10	5x10	5x10	5x10	5x10
Electrics		type	single coil	single coil	single coil	single coil	single coil	single coil	single coil
DIMENSIONS [mm]									
Width body	**b**	[mm]	700	900	1'100	1'300	1'500	1'800	2'000
Width over all	**b1**	[mm]	760	960	1'160	1'360	1'560	1'860	2'060
Diameter	**d**	[mm]	859	1'084	1'320	1'580	1'820	2'185	2'430
Height hook	**f ~**	[mm]	950	950	1'100	1'180	1'300	1'325	1'680
Height magnet	**h**	[mm]	230	240	250	260	270	290	310
Suspension ring Ø	**e**	[mm]	32	32	36	36	50	50	60
Suspension eye width	**c**	[mm]	110	110	140	140	190	190	200
Tear-off force		[kg]	16'200	20'800	30'900	36'300	56'900	79'600	93'200
LOAD CAPACITY [kg]		1)							
Scrap density 2.8t/m^3		HBI, DRI 2)	200	420	810	1'200	1'790	3'110	4'000
Scrap density 1.5t/m^3		E6	130	270	520	770	1'150	2'000	2'570
Scrap density 1.0t/m^3		E5, E40	90	200	380	560	830	1'440	1'860
Scrap density 0.6t/m^3		E1, E2, E3, E8	60	140	260	390	580	1'000	1'290

1) The payloads mentioned bellow for the various types of scrap are heavily dependent on the shape, mix, the alloy used, and the way the scrap is stored, as well as on the way the crane driver handles the magnet

2) According to the European Steel Scrap Specification