

Elift

Lifting Magnet

The unmistakable advantages of the lifting magnets Elift from Assfalg are economy and fast handling.

The hand-operated permanent lifting magnet is the perfect and fully developed solution for moving all ferromagnetic materials in an efficient, safe and reliable way.

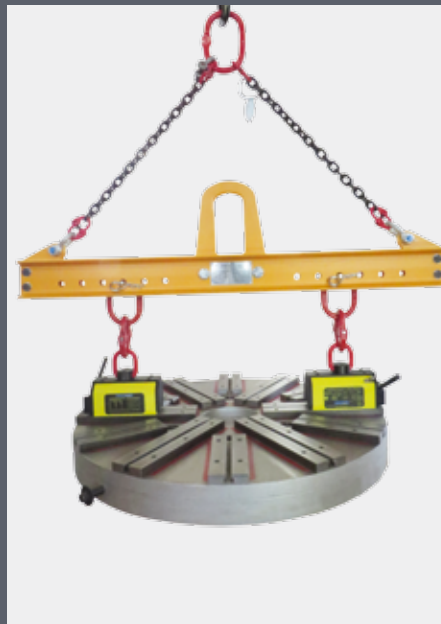
- Vertical transport
 $F_v = 1/3 F_h$



- The safety lock prevents accidental loosening under load

Application

- ▶ For flat and round material, because of v-prism pole shoe
- ▶ Select lifter size according to load and for easy operation of the switching level
- ▶ For raw material, semi-finished and finished products
- ▶ In mechanical engineering, tool manufacturing, plant engineering, steel construction, ship-building, transport company or materials store





- 👉 The “strongest” magnet can lift 5 t of flat material



Professional advantages

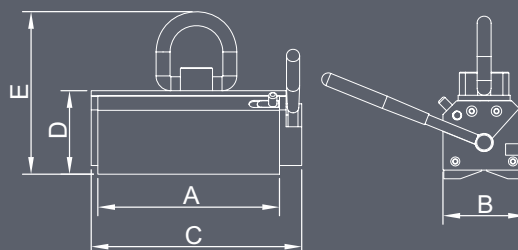
- ▶ Absolutely safe lifting - with 3-times safety factor (the pull-off strength is 3 times more as the recommended lifting force)
- ▶ No restrictions on scaled, rough or oily surfaces
- ▶ No damaging of the work piece surface
- ▶ Smooth switching ON/OFF via hand lever
- ▶ Optimization of crane capacity and space because of independent permanent magnet lifter
- ▶ Smooth lever more when switching OFF provided correct lifter size was selected

Features

- 👉 Two-hand operation via hand lever and safety lock
- 👉 Max. operation temperature 80°C
- 👉 Use of durable and extremely strong neodymium magnet materials
- 👉 Compact, sturdy construction, low dead weight

Options

- 👉 Additional crane eye for lifting and vertical transport (load only 1/3), available for Elift 300/Elift 500 (Art.No.47392)
- 👉 Special version for hot temperature use
- 👉 Special version for immersing into profiles or for larger diameters
- 👉 Service and repair according the safety rules



Technical data	Dimensions [mm]					load	Min. thickness	Load	∅	Max.	Weight [kg]	No.
	A	B	C	D	E	Fh [kg]	[mm]	SWL 3:1	from - to	length x width [mm]		
Elift 100	105	70	133	71	153	100	15	45	40 - 100	1250 × 600	4	50871
Elift 300	161	90	194	87	169	300	25	125	40 - 160	2000 × 1000	9	34858
Elift 500	221	98	256	101	183	500	30	215	60 - 200	2000 × 1500	16	34859
Elift 1000	310	120	335	126	247	1 000	50	450	80 - 350	3000 × 1500	36	34860
Elift 2000	435	176	487	182	331	2 000	50	900	120 - 400	3500 × 2000	110	34862
Elift 3000	530	230	550	186	381	3 000	60	1 350	150 - 400	3500 × 2000	170	43161
Elift 5000	570	370	614	312	552	5 000	80	2 250	200 - 450	5000 × 3000	475	42037