

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.



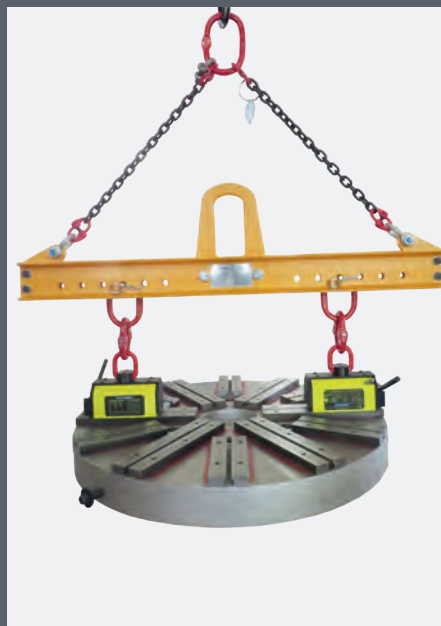
- ⬆ Vertical transport
 $F_v = 1/3 F_h$



- ⬆ 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

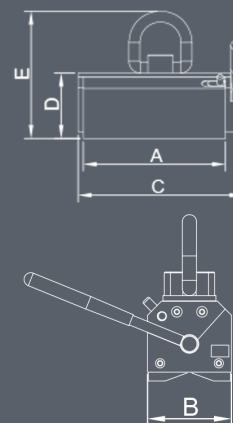
- + Absolutely safe lifting - with 3-times safety factor (the pull-off strength is 3 times more as the recommended lifting force)
- + No restrictions on scaled, rough or oily surfaces
- + No damaging of the work piece surface
- + Smooth switching ON/OFF via hand lever
- + Optimization of crane capacity 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 | Max. load | ● Load | ∅ | Max. | Weight | No. |
|------------|-----------------|-----|-----|-----|-----|---------|---------------|---------|--------------------------|-------------|--------|-------|
| | A | B | C | D | E | SWL 3:1 | capacity from | SWL 3:1 | from - to length x width | Weight | | |
| | | | | | | Fh [kg] | | Fh [kg] | [mm] | [mm] | [kg] | |
| Elift 100 | 105 | 70 | 133 | 71 | 153 | 100 | 10 | 45 | 40 - 100 | 1250 × 600 | 4 | 50871 |
| Elift 300 | 181 | 90 | 214 | 87 | 170 | 300 | 15 | 125 | 40 - 160 | 2000 × 1000 | 10 | 34858 |
| Elift 500 | 255 | 90 | 288 | 87 | 170 | 500 | 15 | 215 | 60 - 200 | 2000 × 1500 | 15 | 34859 |
| Elift 1000 | 310 | 120 | 335 | 126 | 247 | 1 000 | 25 | 450 | 80 - 350 | 3000 × 1500 | 36 | 34860 |
| Elift 2000 | 435 | 176 | 487 | 182 | 331 | 2 000 | 30 | 900 | 120 - 400 | 3500 × 2000 | 110 | 34862 |
| Elift 3000 | 530 | 230 | 550 | 186 | 381 | 3 000 | 50 | 1 350 | 150 - 400 | 3500 × 2000 | 170 | 43161 |
| Elift 5000 | 570 | 370 | 614 | 312 | 552 | 5 000 | 60 | 2 250 | 200 - 450 | 5000 × 3000 | 475 | 42037 |