LIFTING MAGNET TML 500

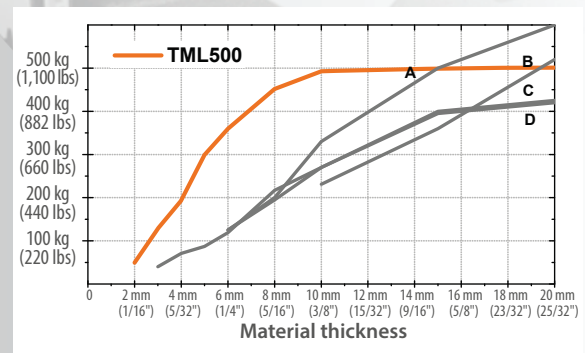
1. **Only 7.3 kg (16 lbs) dead weight**
2. **Max. load-bearing capacity: 500 kg (1,100 lb) (with 3:1 safety factor)**
3. **360° rotatable and 180° pivotable load swivel**
4. **One-handed operation ('inside' steel beam possible)**

US Patent No. 8350663B1

- Up to 490 kg (1100 lbs) load-bearing capacity from a material thickness of 10 mm (3/8") and 300 kg (660 lbs) from just 5 mm (3/16") material thickness on steel S235 plus 3:1 safety factor (i.e. the force which leads to the breakaway of the metal sheet must represent triple the maximum holding force)
- Outstanding performance on thin-walled materials (useable from as low as 2 mm; 1/16")
- Up to 70 % less dead weight with at least the same performance in contrast to conventional magnets
- Easy activation with minimal effort due to the ergonomic activation lever
- Innovative operational concept allowing for an enlarged operating range
- 360° rotatable and 180° pivotable load swivel
- Wear-resistant magnetic contact area made of hardened steel with TiN-coating preventing damages and guaranteeing a long lifetime

Technical data TML 500:

- Dead weight: 7.3 kg (16 lbs)
- Breakaway force: 1,500 kg (3,300 lbs)
- Max. load-bearing capacity: 500 kg (1,100 lb) (with 3:1 safety factor)
- Max. load-bearing capacity during vertical lifts (90° inclination of the load): 150 kg (330 lbs) (from 15 mm; 9/16" on S235 with 3:1 safety factor)
- Length: 295 mm (11-5/8")(closed lever), width: 118 mm (4-5/8"), height: 216 mm (8-1/2") (opened lever)
- Magnetic contact area: length: 185 mm (7-1/4"), width: 88 mm (3-7/16")



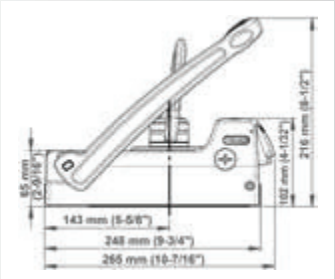
Competitors:

A: 600 kg (1,320 lbs) Permanent magnet; 22 kg (48.5 lbs) Dead weight

B: 600 kg (1,320 lbs) Permanent magnet; 24 kg (52.9 lbs) Dead weight

C: 500 kg (1,100 lbs) Permanent magnet; 20 kg (44 lbs) Dead weight

D: 500 kg (1,100 lbs) Permanent magnet; 8 kg (17.6 lbs) Dead weight



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