



**TEST REPORT no 17-6/EMK/14/47**

**09.12.2014**

Customer: Vesimentor OÜ, Mõrra 2B; 80029 Pärnu, Estonia

Purpose of the test: To determine the lifting capacity of magnetic cover lifter

Tested equipment: Magnetic cover lifter

Date of testing: 28.11.2014

Description of testing method: Device was attached to the ground fixed steel plate with the thickness of 10 mm. Force was applied to the handle of the magnetic device using wire and pulley. Force in wire was measured with 5 kN force transducer and recorded.

Test equipment: Force transducer U10M 5kN (calibration certificate. 802106040).

**Results:**

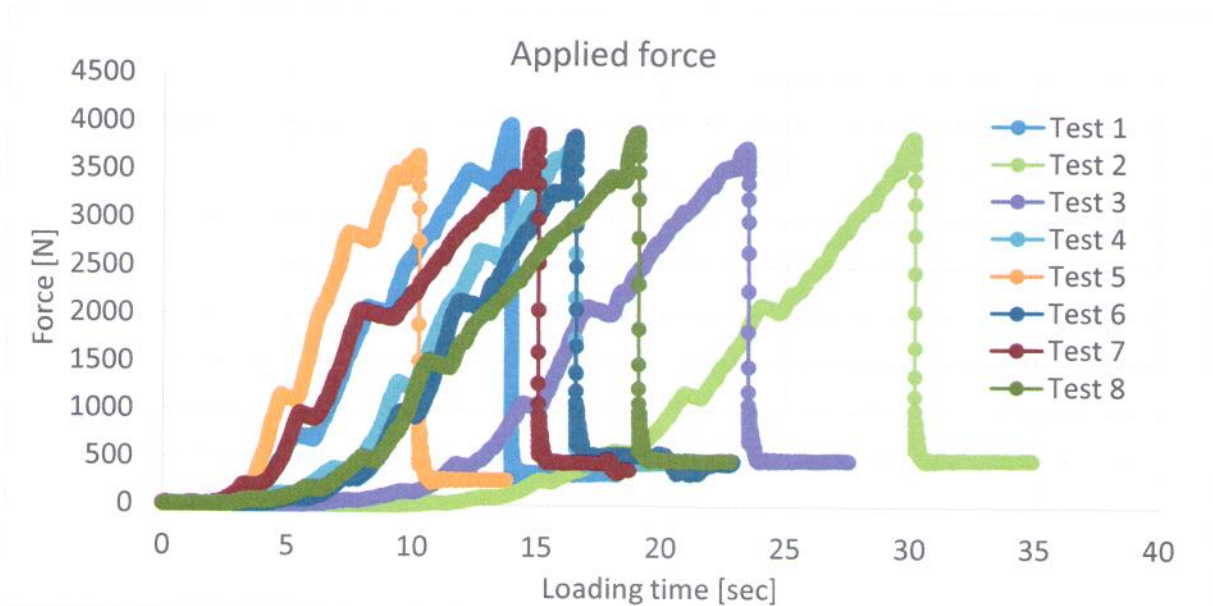


Fig 1. Measured lifting force for magnetic cover lifter presented as function of time.

The maximum measured lifting force for magnetic cover lifter.

<i>Test number</i>	<i>Maximum force F [kN]</i>	<i>Maximum force F [kgf]</i>
1	3.98	406
2	3.86	394
3	3.75	382
4	3.79	387
5	3.65	372
6	3.87	394
7	3.88	396
8	3.91	398
Average F	3.84±0.18	391±19
Minimum F	3.65	372

  
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