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Certificate No. LA.01.060

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TEST REPORT No. BBC 25-178

21 05 2025

Vilnius

Determination of strength, durability and safety for

MOVE chair on metal cross with gas lift and wheels

Customer	VARIER FURNITURE AS
Address of customer	Karenslyst Alle 10, 0278 Oslo, Norway
Application for test	A 25-094-1, date 10 04 2025
Date of receive test object	10 04 2025, sampling was made by the Customer
Manufacturer name	Trio Line Polska
Address of manufacturer	Skladowa 5, 62-064 Plewiska, Poland
Indication of normative document	EN 1022:2023
Date of test	20 05 2025 (beginning) 20 05 2025 (end)

Conclusion

MOVE chair on metal cross with gas lift and wheels **complies** with the standard EN 1022:2023 (Furniture – Seating – Determination of stability) requirements.

Test object

MOVE chair on metal cross with gas lift and wheels with soft seat and plastic base with castors. The seat supporting part is made of plywood mounted on gas lift, swivelling on vertical axis. Soft part is made of foam, covered with fabric. Castors of H-type, Ø 50 mm, plastic with increased rolling resistance when unloaded.

External dimensions: width 400 mm, depth 380 mm, height from 585 mm to 835 mm. Plastic base height 120 mm, offset 295 mm. Chair weight 5,16 kg.

The description is provided for information purposes and can only be considered as informative. Sample was assembled at the laboratory according to assembling instructions. No visual defects were noted upon delivery of the sample.



Figure 1. *MOVE chair on metal cross with gas lift and wheels*

Normative documents for requirements and test methods

EN 1022:2023 Furniture – Seating – Determination of stability.

Test forces, masses, dimensions and angles are targeted at the nominal values specified. The numerical results are reported without taking into consideration the measurement uncertainty. Uncertainty of measurement values are available upon request.

MOVE chair on metal cross with gas lift and wheels was stored in the laboratory room at least 24 h prior testing. The tests were carried out in normal indoor ambient conditions at the temperature of $(20 \pm 5)^\circ\text{C}$.



Table 1. MOVE chair on metal cross with gas lift and wheels test results

Reference	Test and parameters	Requirements	Remarks	Test result*
7 Test methods for assessing stability of all seating except loungers		EN 1022:2023, 7.2		
Annex B, B.1 All seating other than loungers, table B.1, Loads – Single column seats, EN 1022:2023				
7.3.1, EN 1022:2023	Forwards overturning - force F ₁ of 600 N, - force F ₂ of 20 N	When tested according to 7.3 and 7.4, the seating shall not overturn. Where loads are not specified in other standards, the requirements contained in Table B.1 shall be used	no remarks	pass
7.3.2, EN 1022:2023	Forwards overturning for seating with foot rests - force F ₁ of 1100 N, - force F ₂ of 20 N			N/A
7.3.3, EN 1022:2023	Corner stability - force F ₁ of 300 N			N/A
7.3.4, EN 1022:2023	Sideways overturning, all seating without arms - force F ₁ of 600 N, - force F ₂ of 20 N, - 1 cycle			N/A
7.3.5, EN 1022:2023	Sideways overturning, all other seating - force F ₁ of 250 N, - force F ₂ of 350 N, - force F ₃ of 20 N			N/A
7.3.6, EN 1022:2023	Rearwards overturning, all seating with back rests			N/A
7.4.2 EN 1022:2023	Tilting seating - number of discs: 13, - 1 cycle			N/A
7.4.3, EN 1022:2023	Reclining seating with leg rest - number of discs – back: 8, - number of balancing discs: 3 - 1 cycle			N/A
7.4.4, EN 1022:2023	Reclining seating without leg rest - number of discs – back: 8, - number of balancing discs: 3 - 1 cycle			N/A
7.4.5, EN 1022:2023	Rearwards stability for rocking chairs - number of discs: 8 - 1 cycle			N/A
Additional remarks, comments				
No additional remarks/comments				

*N/A: not applicable for this product design, N/T: not tested

Head of Furniture Testing Center

Manvydas Mickus

Tests were carried out by engineer

Laimonas Staškūnas



The test results relate only to the tested item.

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