

TESTING REPORT

Assistive products for training in personal mobility - ISO classification 05.33.09
in accordance with the standards EN 12182 and ISO 10535

Testing No.

08.16A

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This report is not an approval of the product tested, but is merely a record of testing results for a specific sample product

Product tested: Ropox Gangtræner

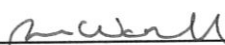
Product received: 22.04.2008

Testing ordered by: ROPOX A/S
Ringstedgade 221
DK - 4700 Næstved
Tel.: +45 55 75 05 00

Person to contact: Jens Winter

Product delivered by: The orderer

22.07.2008
DATE


Testing executive Bruno Wolff

SUMMARY OF THE TESTING

The sample product tested is an accessory to be used in conjunction with an All-in-One hoist to be used for walking exercise. The manufacturer identifies the product as follows:

- product name Ropox Gangtræner
- serial no. prototype

The testing was carried out in accordance with appropriate sections of the European standard EN 12182 "Technical aids for disabled persons – Requirements and test methods" and the international standard ISO 10535 "Hoists for disabled persons – Requirements and test methods". The hoist was not included in the testing.

Only mechanical properties were considered.

The Ropox Gangtræner was tested and found to comply with the appropriate sections of the standards mentioned above.

The detailed testing results are recorded on the pages to follow.

The testing took place in the period from 22.04.2008 to 17.07.2008.

The testing was carried out under normal indoor conditions.

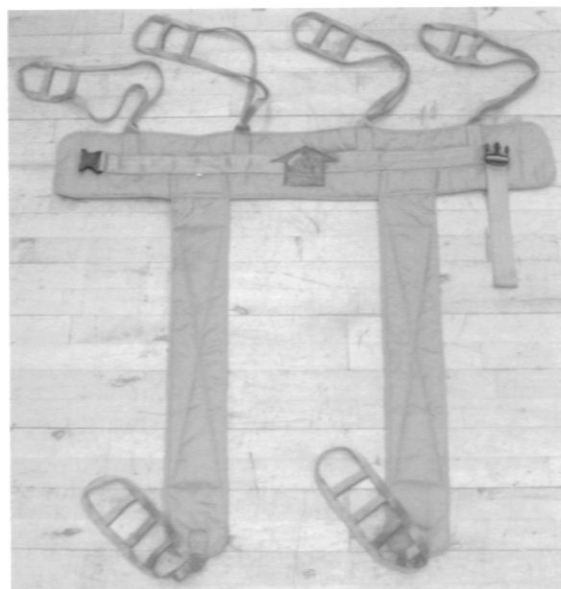
The testing laboratory upon request can inform tolerances of measurements.

DESCRIPTION OF THE PRODUCT

The Ropox Gangtræner is a pair of handles / bars to be used as an accessory to an "All in One" hoist as may be seen from the photography here under. The Gangtræner fits the 150 kg hoist as well as the 200 kg hoist. No tools are required to mount the handles.



The Gangtræner may be used together with a sling which appears from the picture below.

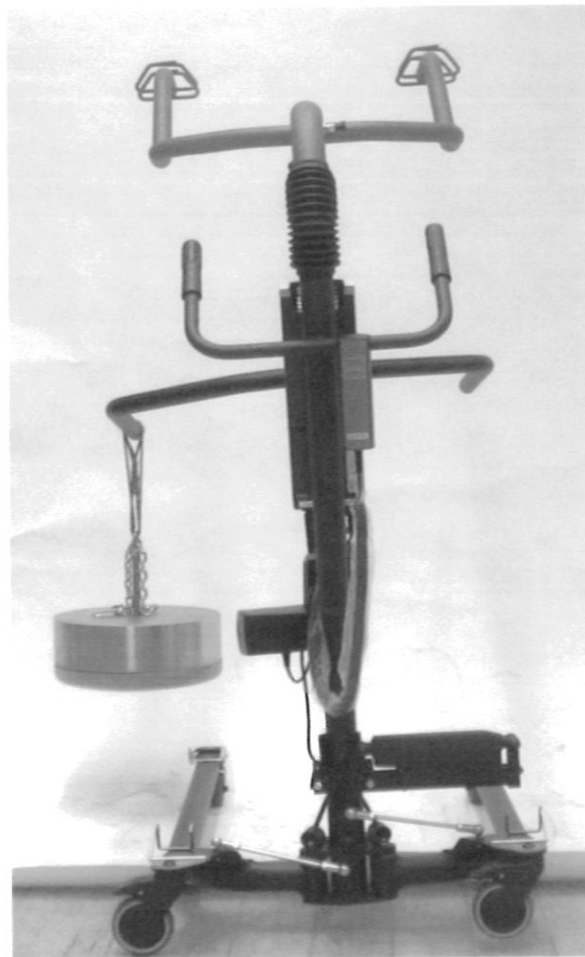


TESTING RESULTS

The handle / bar.

The Gangtræner was mounted on the 150 kg hoist since that was assumed to possess less stability than the 200 kg hoist.

The maximal load on one handle / bar in normal use was judged to be 50 kg. Hence, to assess the static strength of the Gangtræner, the left handle was loaded with $1.5 \times 50 = 75$ kg as shown on the photography below.



A considerable deformation took place and the hoist was close to tipping sideways as long as the load was applied. From the photography may be seen that the right rear wheel has been lifted approximately an inch from the floor.

Afterwards the Gangtræner was loaded with 75 kg on each handle which eliminated most of the skew in the construction.

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After the testing the hoist and the Gangtræner functioned as described by the manufacturer and there were no indications of damage or wear that might affect the safety or functionality of the product.

The sling.

The sling was tested with $1.5 \times 200 = 300$ kg for 20 minutes using the inner loops. No broken stitches were heard during the loading.

After the testing there were no indications of damage that might affect the safety or functionality of the sling.