



Product Service

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## Technical Report No. 713053830

Revision: 0  
dated 2016-01-07

Client: Levo AG  
Anglikerstrasse 20  
CH-5610 Wohlen

Manufacturing place: Levo AG  
Anglikerstrasse 20  
CH-5610 Wohlen

Test object: Manual wheelchair with electrical stand up function  
Type: Levo LCEV / Levo LCEV Kid/Junior  
max. User weight: 50 kg (Levo LCEV Kid/Junior)  
120 kg (Levo LCEV)

Test specifications: EN 12183:2014

Purpose of examination: Testing according to the test specification.

Test result: The test results show that the presented products are in compliance with the specified requirements.

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# 1 Description of the test subject

Manual wheelchair with electrical stand up function





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Typ JR/S/35/44  
Serie Nr 510476 PLG  
Farbe gelb  
Max. Zuladung 50 kg  
Max. Neigung 8 %  
Reifendruck 3.0 Bar



LEVO.d  
THE EXPERTS IN STANDING  
LEVO AG  
Switzerland  
office@levo.ch www.levo.ch  
Typ KID/XS/30/33 option  
Serie Nr 410038 XLI  
Farbe rot  
Max. Zuladung 50 kg





### Technical Data

	Levo LCEV	Levo LCEV Kid/Junior
total length incl. footrests:	890 - 1005 mm	690 - 865 mm
width:	550 - 700 mm	490 - 540 mm
height:	770 - 930 mm	650 (Junior), 950 (Kid)
seat width:	350, 380, 400, 420, 450, 480 and 500 mm	300, 350 mm
seat depth:	290 - 540 mm	240 - 350 mm
seat height:	480 - 570 mm	330 - 440 mm
backrest height:	310 - 560 mm	240 - 390 mm
seat plane angle:	0° - 8°	
backrest angle:	0° - 8°	
max. user weight:	120 kg	50 kg
brake system:	knee lever brake (user brake)	
back wheels: - size - tyres - adjustable - fixation	22 x 1", 24 x 1" and 26 x 1" air filled / puncture proof Yes Quick release	16 x 1 3/4", 20 x 1" and 22 x 1" air filled / puncture proof Yes Quick release
front wheels: - size - tyres - adjustable - fixation	Ø 120 x 25 and 150 x 32 mm Solid (puncture proof) Yes Quick release	Ø 75 x 22 and 120 x 25 mm Solid (puncture proof) Yes Quick release
frame material:	aluminum, steel	
armrest:	adjustable, fixed	
legrest:	height adjustable, fixed	
anti tip device:	adjustable	
electric stand-up function	Linak A/S Actuator Control Box (24V DC) - CB8001A50-00 - CB8401P50-00 with linear actuator - 285100-00100103 - 285100-00150102 and hand control - HB41-00 battery charger - FW7218M24	

Remark: The tests were done for a max. user weight of 120 kg (LCEV) and 50 kg (LCEV Junior / LCEV Kid)  
 ISO 7176-11:2012 defines the seat width corresponding to the dummy mass range (user weight).



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## 2 Order

### 2.1 Date of Purchase Order

The testing of the manual wheelchairs Levo LCEV / LEVO LCEV Kid/Junior have been carried out per purchase order of the company Levo AG, Mr. Bögli dated at 2014-10-30.

### 2.2 Date of Receipt of Test Subject

The testing has been performed at TÜV SÜD Product Service, Masurenweg 1-3, D-30163 Hanover from 2015-04-09 to 2016-01-05. The test subjects were delivered to the test laboratory on 2015-01-13 and 2015-04-02 by forwarding agency.

## 3 Remarks

### 3.1 Remarks to user manual

The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout.


### 3.2 Remarks to Factory

The assembly of the product has to comply with the documentation (CDF). Before the implementation of safety relevant modifications to the product into the ongoing production the product must be retested for assessment. The results must be implemented to the documentation and if necessary the certificate must be updated.

## 4 Summary

The test results show that the presented products are in compliance with the specified requirements.

TÜV SÜD Product Service GmbH  
Technical report checked:

  
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