

EC TYPE-EXAMINATION CERTIFICATE

Application of
Council Directive 2006/42/EC of 17 May 2006 on Machinery (AFS 2008:03)

CERTIFICATE NO.: **16-NOR-MD-002**

THIS IS TO CERTIFY THAT THE PRODUCT

Vertical lifting platform intended for use by persons with or without impaired mobility

WITH THE TYPE DESIGNATION

Nami PL 501

MANUFACTURED BY

Nami Lift AB

IN

Långtradargatan 5, SE 298 32 Tollarp, Sweden

is found to comply with the relevant Essential Health and Safety Requirements in Annex I of 2006/42/EC and standards part of EN81-41:2010

Conformity assessment according to article 12 in 2006/42/EC is documented in
Report No.: 16-NOR-MD-002 rev 1.2 2023-03-27

LIMITATIONS

Any modifications made to the product shall immediately be reported to Kiwa Sweden AB in order to examine whether this Certificate remains valid.

This Certificate is valid until 2028-03-27.

MÖLNDAL, 2023-03-27

Kiwa Sweden AB
Notified Body No.: 0409



Peter Svensson
Certificate is issued by



Ulf Bengtsson
Technical Engineer

Notice: Any significant changes in design or construction of the product, or amendments to the Directive 2006/42/EC (AFS 2008:3) or standards referenced above may render this receipt invalid. The product liability rests with the manufacturer or his representative in accordance with the Directive 2006/42/EC.

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Certificate history

Revision	Description	Issue date
1.0	This is the original Certificate	2015-04-28
1.1	Term extended and new max lift height	2021-05-03
1.2	New Safety devices on EC-Certificate	2023-03-27

Products covered by this Certificate: Nami PL 501

Parameter	Ratings
Rated load	500 kg/4 persons
Rated speed	0,15 m/s (9 m/min)
Max lift height	15 m
Number of landings	2-7
Operating temperature and degree of protection	The lift shall be located in an area which is suitably protected against weather conditions such as rain, wind and temperatures between +5°C - +40°C. For outdoor installation, an element, roof and protection for doors must be installed, so that the corresponding environment is obtained.
A-weighted emission sound pressure level	<70 dB(A)

Well:

Self-supporting well.	
Wall sections	Sandwich; 0,7 mm steel sheet + 15 mm Insulation + 0,7 mm steel sheet. Section height 1000 mm
Fire protection	No
External dimensions	Length of platform + 100 mm Width: Width of platform + 200 mm
Pit depth	50 mm (70 mm with platform width > 1200 mm)
Headroom	2300 mm
Glassing	The walls of the well can be made with glass with max inscribed circle 1 m. The glass shall be tempered laminated glass (4+0.76+4 mm)

Landing doors:

Fire protection	With or without, maximum rating EI60 Smst EI60, CERTIFICATE NO.: 14-NOR-LD-009
Dimensions	Standard 900 x 2000, Standard width = Width of platform – 100 mm Width greater than 1100 designed as central opening bi-parting doors.
Window	Standard 645 x 1590 mm, other dimensions as option.
Locking device:	LLD 68.15 L/R, CERTIFICATE NO.: 14-NOR-LD-003 or LLD.S-D.W-EM, CERTIFICATE NO.: 19-GOT-LD-003 or LDD.EM, CERTIFICATE NO.: 18-GOT-LD-006
Door Contact	Kronenberg PZ 73
Other	Hidden hinges, door closer, automatic door openers are available.

Platform:

Dimensions	Length up to 2000 mm, width up to 1400 mm, maximum area 2.0 m ²
Floor	Tarkett Granit, Five bar aluminum or similar.
Destination control:	Destination buttons for each floor, emergency stop, and emergency light.
Other	Safety edge above destination controls and around the platform.

Hoisting System/Drive unit:

Tooth belt drive with electrical slack rope monitoring	
Belt type	ELATECH, 30 RTD8M, 30RP8P or Megadyne Megalinear 30RPP8 HP
Motor	1,1 kw, Neri AT80 D4 IEC71 B5
Gear	Rossi MR 2150 UP2A-19x160-20,1 V5
Power supply	230 V 50 Hz 16 A

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Electrical control panel:

In the door frame at the top landing. In front of the control panel a horizontal free space of 0,50m x 0,70m as a working area is required; in case the space in front of the control panel allows the passing of public, this minimum horizontal free space needs to have a depth of 1.20m.

Control system:

Destination buttons	Hold to run
Call buttons	One touch (Impulse)
Safety circuit	24 VDC
Controll system	PLC

Emergency system:

Emergency alarm	Two ways voice communication in accordance with the requirements in EN81-41:2010
Emergency light	Feed from automatic charged source
Emergency evacuation	Manual or electric as option

Additional information

NAMI PL501 is a vertical lifting platform with self-supporting well intended for use by persons with or without impaired mobility between fixed landings. The lift is not adapted for transporting goods.

Applied Standards/Tests carried out

Vertical lifting platforms Nami PL 501 conforms in applicable parts to the following standards:
 - EN 81-41:2010, Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 41: Vertical lifting platforms intended for use by persons with impaired mobility

Some deviations from the requirement in this standards have been accepted with alternative solutions accepted based on risk assessment.

1. Drive system where toothed belts are used.

The following documentation formed the basis for the assessment:

Document No.	Name/Titel	Version/Date
1	16-NOR-MD-002 rev 1.1	2021-02-23
2	16-NOR-MD-002 rev 1.2	2023-03-27

Terms and conditions

The certificate is subject to the following terms and conditions:

- In case of damages caused by defective products, directive 85/374/eec, as amended, will apply
- The certificate is only valid for the product(s) listed above
- The certificate is concerned with the design of the product, only

The following may render this Certificate invalid:

- Changes in the design or construction of the product(s)
- Changes or amendments to the referenced directive(s)
- Changes or amendments in the standard(s) which form the basis for documenting compliance with the requirements

END OF CERTIFICATE