



**AIB-VINÇOTTE International s.a. / n.v.**  
 SAFETY, QUALITY, ENVIRONMENT  
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# EC TYPE EXAMINATION CERTIFICATE

No. Z 14-258-170-B

Issued by AIB-VINÇOTTE International ( N°0026 )

**For the product(s) described hereafter :**

Product group : MACHINERY  
 Product family : For lifting of persons  
 Make : Power Climber  
 Type(s) : SHERPA –SD4  
 Particularities : Lift for Wind Turbines

**Conformity examination requested by :**

**POWER CLIMBER**  
**Satenrozen 7**  
**B 2550 KONTICH**

Vinçotte

**Criteria for certification :** Machinery Directive 2006/42/EC

**Validity of the certificate :** From 12/05/2016 till 12/05/2021

**Conclusions of the examination :**

The products comply with the above mentioned certification criteria, as confirmed by the test report of AVI no AUD/03/60570653/00/NL/001

This certificate of conformity is based on test results of one sample of the presented product, in accordance with the applicable specific criteria. It includes no appreciation of all the manufactured products, nor a statement of conformity with any other criteria that are not explicitly mentioned in this report.

*This certificate is issued in English.*

Tom Derveaux  
 Contract Manager Design Review


Brussels, 12/05/2016

For the Certification Committee  
 Christian Lefebvre.  
 President of the certification Committee

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**Annex(es) :** Description of the certified product(s) : (1 Page )

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**POWER CLIMBER****SHERPA- SD4**

CHARACTERISTICS	VALUES
Main platform Dimensions ( m )	0.95 x 0.6
Rated load (kg) /Nb. of persons max	240 / 2 pers.
Max working height ( m )	200 m
Hoisting speed (m/min)	17
Self weight platform	Max. 160 kg
Hoist wire rope Diameter	8.4 mm
Guide wire rope Diameter	12 mm
Power supply voltage	3*690V : (50 Hz / 60 Hz) +E 3* 400V (50 Hz / 60 Hz) +E
Power motor	1 x 1.3 Kw
Control system:	230 V ac
Noise level ( dB ( A ) )	Max. 70 dBA

## Available options:

- Right or Left Sliding door
- Tension system for wire ropes guiding system:
  - o Tension system above Floor
  - o Tension system underneath Floor connect on T-Beam
  - o Tension system underneath Floor
- Depending on the tower layout, option for emergency step is available or required.
- The lift is designed for access from ground level to top level and vice versa as normal use, option for safezone detection at intermediate platforms.
- Call Send Box
- Extra Emergency stop box
- Supply cable system:
  - o Storage Bin System
  - o Cable loop System
- Top obstruction system
- Back retainer system in combination with Top obstruction system
- Top retainer system in combination with Top obstruction system
- Bottom & top landing platforms, intermediate platforms ( design )