

# HEIGHT ADJUSTABLE STAIRS VHS

8034 



VHS V2 17-4-2023

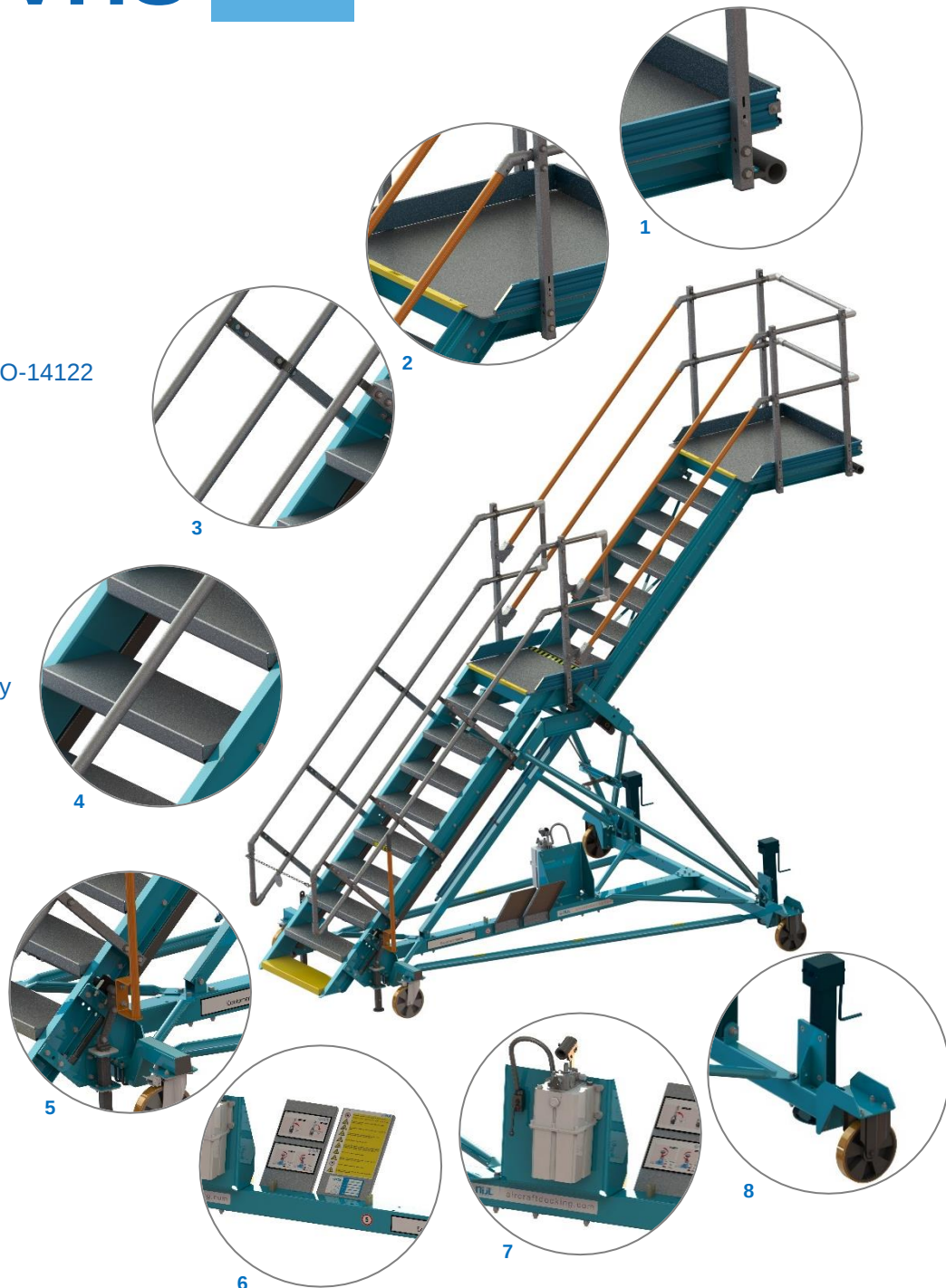
# HEIGHT ADJUSTABLE STAIRS VHS 8034

## Key Benefits

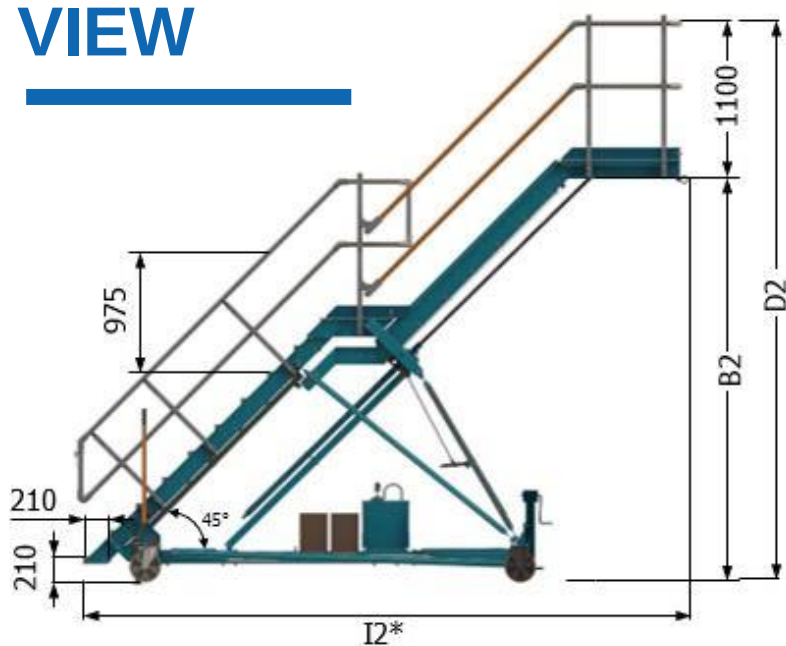
- + Design according to NEN-EN-ISO-14122
- + CE certified
- + Ideal for quick inspections or maintenance
- + Multi-functional, safe working platform
- + Dual flight staircase with intermediate platform
- + Robust and stable design
- + Incremental height adjustment by step
- + Modular design configurable to customer needs

## Baseline specifications

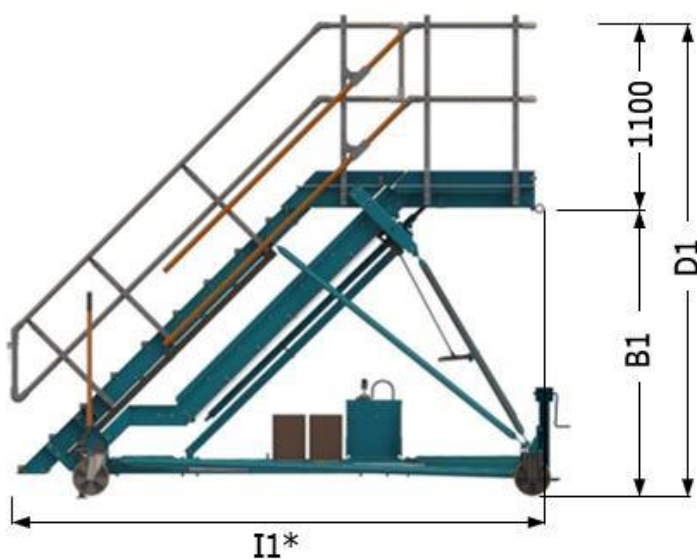
- 1 Black non-staining rubber protection
- 2 Non-skid aluminium flooring
- 3 Aluminium handrail and guardrail
- 4 Non-skid aluminium steps
- 5 Manual jacking device
- 6 Labels and signage
- 7 Hydraulic system for height adjustment with mechanical lock device
- 8 Polyurethane castor wheels



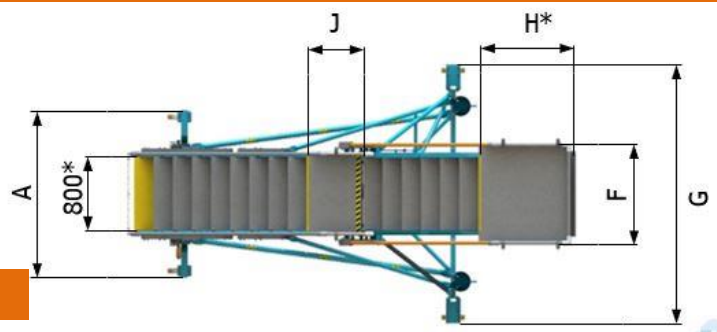
# VIEW



Side, railing position high



Sid, railing position low



Top

\* Dimensions subject to selected options

# DIMENSIONS AND FOOTPRINT

*\*Deviation from applicable standard*

| <b>BASELINE STAIRS</b>     | <b>A</b> | <b>B1</b> | <b>B2</b> | <b>D1</b> | <b>D2</b> | <b>F</b> | <b>G</b> | <b>H</b> | <b>I1</b> | <b>I2</b> | <b>J</b> | <b>Weight<br/>kg</b> |
|----------------------------|----------|-----------|-----------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|----------------------|
| <b>8034-VHS07T11T800</b>   | 1830     | 1470      | 2310      | 2625      | 3465      | 1100     | 2020     | 1000     | 2955      | 3795      | 630      | 625                  |
| <b>8034-VHS08T12T800</b>   | 1830     | 1680      | 2520      | 2835      | 3675      | 1100     | 2020     | 1000     | 3165      | 4005      | 630      | 625                  |
| <b>8034-VHS10T14T800</b>   | 1830     | 2100      | 2940      | 3255      | 4095      | 1100     | 2820     | 1000     | 3585      | 4425      | 630      | 650                  |
| <b>8034-VHS10T16T800</b>   | 1830     | 2100      | 3360      | 3255      | 4515      | 1100     | 2820     | 1000     | 3585      | 4845      | 630      | 675                  |
| <b>8034-VHS12T16T800</b>   | 1830     | 2520      | 3360      | 3675      | 4515      | 1100     | 2820     | 1000     | 4005      | 4845      | 630      | 700                  |
| <b>8034-VHS12T18T800</b>   | 1830     | 2520      | 3780      | 3675      | 4935      | 1100     | 2820     | 1000     | 4005      | 5265      | 630      | 700                  |
| <b>8034-VHS14T18T800</b>   | 1830     | 2940      | 3780      | 4095      | 4935      | 1100     | 2820     | 1000     | 4425      | 5265      | 630      | 725                  |
| <b>8034-VHS14T20T800 *</b> | 1830     | 2940      | 4200      | 4095      | 5355      | 1100     | 2820     | 1000     | 4425      | 5685      | 630      | 750                  |
| <b>8034-VHS16T20T800 *</b> | 1830     | 3360      | 4200      | 4515      | 5355      | 1100     | 2820     | 1000     | 4845      | 5685      | 630      | 750                  |
| <b>8034-VHS16T22T800 *</b> | 1830     | 3360      | 4620      | 4515      | 5775      | 1100     | 2820     | 1000     | 4845      | 6105      | 630      | 775                  |
| <b>8034-VHS18T22T800 *</b> | 1830     | 3780      | 4620      | 4935      | 5775      | 1100     | 2820     | 1000     | 5265      | 6105      | 630      | 800                  |
| <b>8034-VHS18T24T800 *</b> | 1830     | 3780      | 5040      | 4935      | 6195      | 1100     | 2820     | 1000     | 5265      | 6325      | 630      | 825                  |

# SPECIFICATIONS

| GENERAL                                                                                                            |                                                                                                |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| In- outdoor usage                                                                                                  | Indoor (hangar) and Outdoor (apron) usage                                                      |
| Movability                                                                                                         | Movable by 1 - 2 person(s)                                                                     |
| Signage                                                                                                            | Labels and signage                                                                             |
| Standards                                                                                                          | NEN-EN-ISO-14122 (2016) and CE certified                                                       |
| Type NIJL                                                                                                          | VHS                                                                                            |
| MATERIAL                                                                                                           |                                                                                                |
| Corrosion protection                                                                                               | Paint system C3 RAL 5012 / RAL 5017<br><i>Optional: other colours or hot dipped galvanized</i> |
| Main construction                                                                                                  | Steel                                                                                          |
| Hand railing                                                                                                       | Aluminium                                                                                      |
| Padding                                                                                                            | Black non-staining rubber protection                                                           |
| Platform flooring                                                                                                  | Aluminium, non-skid checker plate   <i>Optional: other flooring</i>                            |
| Steps                                                                                                              | Aluminium, non-skid (first and last step: RAL 1023 yellow)                                     |
| Wheels                                                                                                             | Low Speed polyurethane wheels max. 5 km/h   <i>Optional: High Speed</i>                        |
| TECHNICAL                                                                                                          |                                                                                                |
| Platform height (fixed)                                                                                            | See table                                                                                      |
| Handrail and guardrail height                                                                                      | According to standard                                                                          |
| Inclination                                                                                                        | 45 degrees                                                                                     |
| Max. load                                                                                                          | 1 person per step and max. 250 kg on the entire stair/platform                                 |
| Number of steps                                                                                                    | See table                                                                                      |
| Platform dimensions (WxD)                                                                                          | See table   <i>Optional: Other dimensions</i>                                                  |
| Step width                                                                                                         | 800mm standard   <i>Optional: Other widths</i>                                                 |
| Weight                                                                                                             | See table                                                                                      |
| <i>Stairs available in various configurations. Please consult NIJL for exact specifications and clarifications</i> |                                                                                                |



# OPTIONS GENERAL

## Step Width Variants

- + Step width variants: 600 or 1000 mm  
(standard: 800 mm)



## Platform Flooring

- + Aluminium perforated plate or marine plywood with anti-skid surface  
(standard: aluminium checker plate)



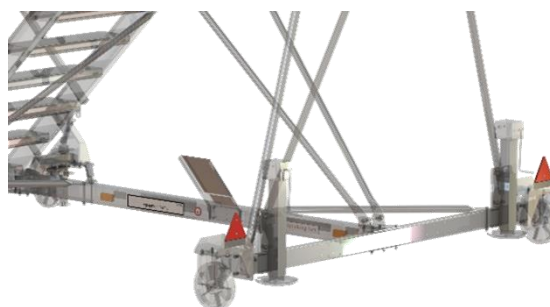
## Corrosion Protection

- + Paint system C3 colour on customer request  
or hot dipped galvanized steel frame  
(standard: RAL5012 / RAL5017)



## Safety Protection and Visibility Package

- + Additional non-staining rubber protection
- + Reflector and high visibility markings
- + Striking colour on hand railing and/or guard railing  
(standard: orange RAL2004 for movable parts)



# OPTIONS MOBILITY

## Low Speed Towbar Package

- + Galvanized steel
- + Yellow/black markings
- + Secured storage
- + Additional labels and signage
- + Max 5 km/h



## High Speed Wheel Set Package

- + Full rubber wheels
- + Integrated towbar
- + Storage position next to staircase
- + Additional labels and signage
- + Allowable speed 15 - 25 km/h  
(depending on stair configuration)



# OPTIONS WORK STAND RAILING

## Slidable Side Railing Package

- + Design according to NEN-EN-ISO-14122
  - + Slidable aluminium railing on both platform sides
  - + Fixed aluminium railing system to minimize gap with aircraft fuselage
  - + Manual adjustable with incremental settings for extension and retraction
  - + Non-staining rubber protection on items close to aircraft skin
  - + Slidable side railing in colour RAL2004 (pure orange)
  - + Package is available for standard platform dimensions (LxW) 1000 x 1100 mm
- Other platform dimensions upon request*



## Fall Protection Front Gate Package

- + Design according to NEN-EN-ISO-14122
  - + Fall protection boundary on platform front edge by two gates
  - + Locking device for each gate in both open and closed positions
  - + Aluminium kickboards included
  - + Non-staining rubber protection on items close to aircraft skin
  - + Front gates in colour RAL2004 (pure orange)
  - + Package is available for standard platform dimensions (LxW) 1000 x 1100 mm
- Other platform dimensions upon request*



# OPTIONS CARGO DOOR ACCESS

## Cargo Door Access: Conforming Railing Package

- + Design according to NEN-EN-ISO-14122
- + Steel platform frame
- + Fixed aluminium railing system conforming with aircraft fuselage curvature
- + Aluminium kickboards included
- + Non-staining rubber protection on items close to aircraft skin
- + Applicable labels and signage
- + Package is available for standard platform dimensions (LxW) 1000 x 1100 mm  
*Other platform dimensions upon request*



## Cargo Door Access: Foldable Front Gate Package

- + Design according to NEN-EN-ISO-14122
- + Steel platform frame
- + Foldable aluminium front gate system for opened cargo door fall protection boundary
  - o Stowed position parallel to platform railing
  - o Extended position in-line with platform front edge
- + Locking device for both stowed and extended positions
- + Aluminium kickboards included
- + Non-staining rubber protection on items close to aircraft skin
- + Applicable labels and signage
- + Package is available for standard platform dimensions (LxW) 1000 x 1100 mm  
*Other platform dimensions upon request*

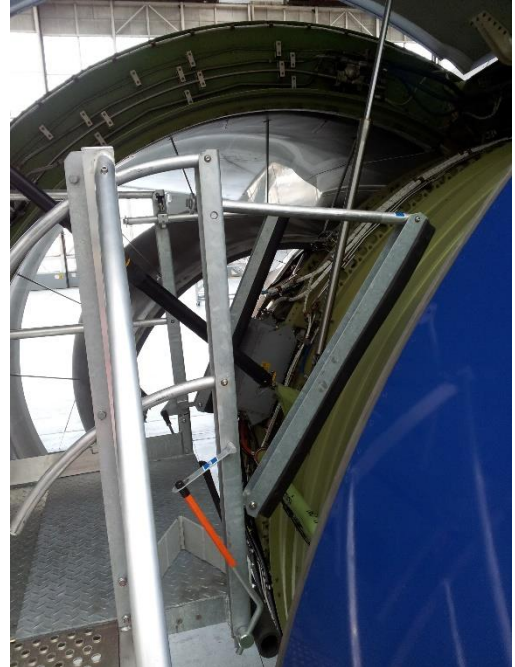


# OPTIONS ENGINE UNDER COWL

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## Engine under cowl access

- + Design according to NEN-EN-ISO-14122
- + Steel platform frame
- + Adjustable aluminium railing system conforming with aircraft fuselage curvature
- + Aluminium kickboards included
- + Non-staining rubber protection on items close to aircraft skin
- + Extendable floors adjustable to engine contours
- + Applicable labels and signage
- + Package is available for standard platform dimensions (LxW) 1000 x 1100 mm  
*Other platform dimensions upon request*



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