

HEIGHT ADJUSTABLE STAIRS MPS

8033 



MPS V2 17-4-2023

HEIGHT ADJUSTABLE STAIRS MPS 8033

Key Benefits

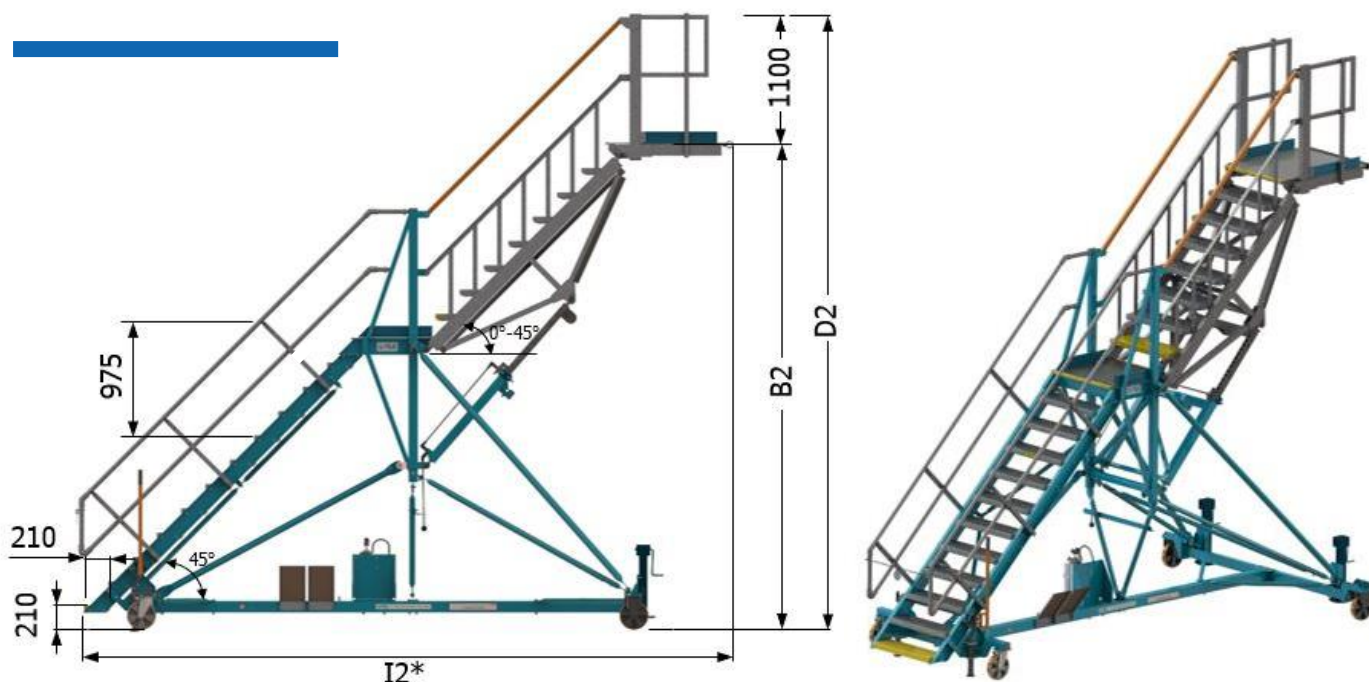
- + Design according to NEN-EN-ISO-14122
- + CE certified
- + Ideal for areas which require high flexibility in height
- + Robust and stable design
- + Lightweight because of optimal mix of steel and aluminium
- + Incremental height adjustment
- + Modular design configurable to customer needs

Baseline Specifications

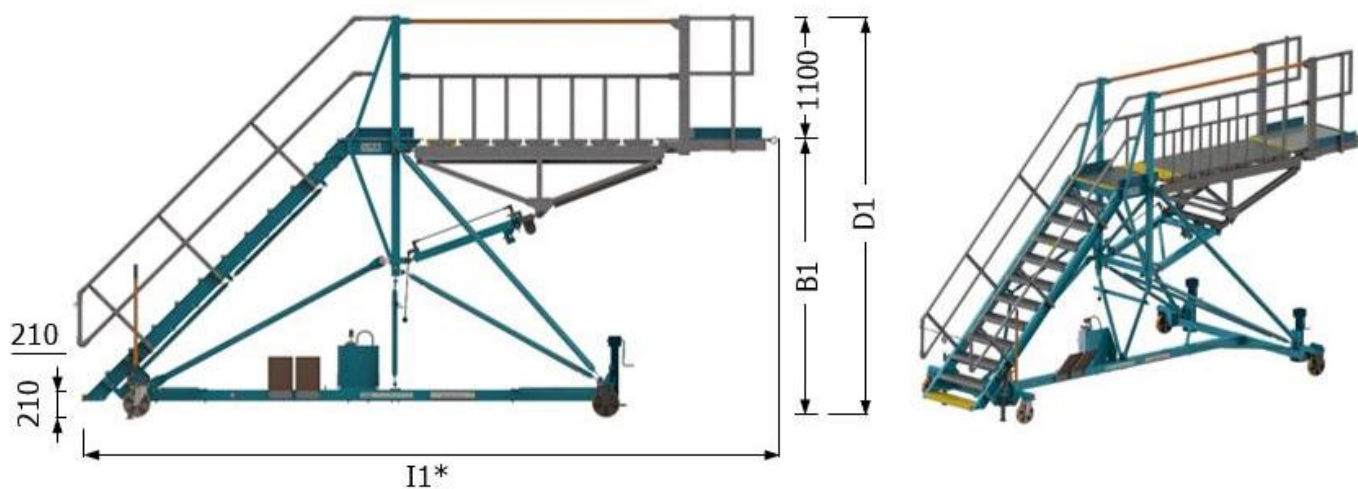
- 1 Black non-staining rubber protection
- 2 Non-skid aluminium flooring
- 3 Aluminium handrail on fixed staircase
- 4 Non-skid aluminium steps
- 5 Quick jacking device with single lever
- 6 Labels and signage
- 7 Hydraulic system for height adjustment with mechanical lock device
- 8 Polyurethane castor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



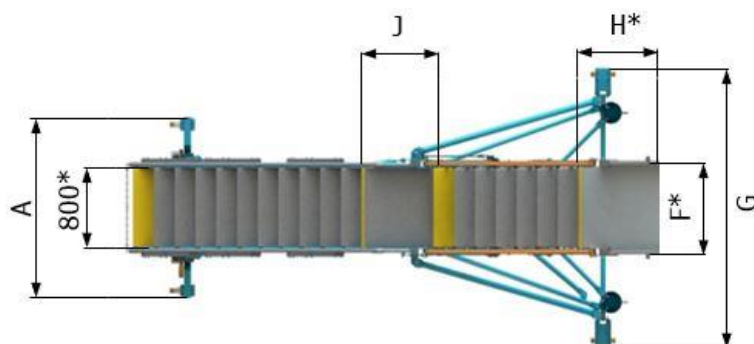
VIEW



Side, railing position high



Side, railing position low



Top

**Dimensions subject to selected options*

DIMENSIONS AND FOOTPRINT

BASELINE STAIRS	A	B1	B2	D1	D2	F	G	H	I1	I2	J	Approx Weight kg
8033-MPS06T12T800	1830	1260	2520	2360	3620	1020	2020	1040	4470	3950	812	600
8033-MPS08T14T800	1830	1680	2940	2780	4040	1020	2820	1040	4890	4370	812	625
8033-MPS08T16T800	1830	1680	3360	2780	4460	1020	2820	1040	5485	4790	812	650
8033-MPS10T16T800	1830	2100	3360	3200	4460	1020	2820	1040	5310	4790	812	650
8033-MPS10T18T800	1830	2100	3780	3200	4880	1020	2820	1040	5905	5210	812	675
8033-MPS10T20T800	1830	2100	4200	3200	5300	1020	2820	1040	6500	5630	812	700
8033-MPS12T18T800	1830	2520	3780	3620	1880	1020	2820	1040	5730	5210	812	825
8033-MPS12T20T800	1830	2520	4200	3620	5300	1020	2820	1040	6325	5630	812	850
8033-MPS12T22T800	1830	2520	4620	3620	5720	1020	2820	1040	6920	6050	812	875
8033-MPS14T20T800	1830	2940	4200	4040	5300	1020	2820	1040	6150	5630	812	875
8033-MPS14T22T800	1830	2940	4620	4040	5720	1020	2820	1040	6745	6050	812	900
8033-MPS14T24T800	1830	2940	5040	4040	6140	1020	2820	1040	7340	6470	812	925
8033-MPS16T22T800 *	1830	3360	4620	4460	5720	1020	2820	1040	6570	6050	812	925
8033-MPS16T24T800 *	1830	3360	5040	4460	6140	1020	2820	1040	7165	6470	812	925
8033-MPS16T26T800 *	1830	3360	5460	4460	6560	1020	2820	1040	7760	6890	812	950

*Deviation from applicable standards

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) (at 45 degrees) and CE certified
Type NIJL	MPS
MATERIAL	
Corrosion protection	Paint system C3 RAL 5012 / RAL 5017 <i>Optional: other colours or hot dipped galvanized</i>
Main construction	Steel support structure and aluminium height adjustable staircase
Hand railing	Aluminium (RAL 2004 orange for moving parts)
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	See table
Handrail and guardrail height	According to standard
Inclination	45 degrees fixed section, 0-45 degrees for height adjustable section
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 Dimensions and Flooring

- + Aluminium perforated plate or marine plywood with anti-skid surface
(standard: aluminium checker plate)
- + Platform dimensions (WxD):
2000 x 1500 mm / 1000 x 1850 mm
(standard: 1000 x 1000 mm)
Other platform dimensions upon request
Platform width larger than 2000 mm
available for stairs with 1000 mm step width



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 CARGO DOOR ACCESS

Basic Cargo Door Access Package

- + Design according to NEN-EN-ISO-14122
- + Aluminium platform frame
- + Fixed aluminium railing system conforming with aircraft fuselage curvature
- + Dedicated wheel support frame with stabilizer jacks on platform side for robustness and stability
- + Non-staining rubber protection on items close to aircraft skin
- + Cargo slidable railing included on both sides of platform
- + Applicable labels and signage
- + Available platform dimensions (WxD):
 - 2000 x 1500 mm (step width 800 mm)
 - 2700 x 1500 mm (step width 1000 mm)*Platform width larger than 2000 mm available for stairs with 1000 mm step width*
Straight railing insert type and/or platform front gates upon request



Advanced Cargo Railing Package

- + Design according to NEN-EN-ISO-14122
- + Mounted to basic aluminium railing structure
- + Gates and slidable railing in orange RAL2004
- + Black non-staining rubber protection
- + Locking systems included
- + Fixed railing system with front gates included for fit in cargo door clearance



OPTIONS ENGINE PYLON ACCESS

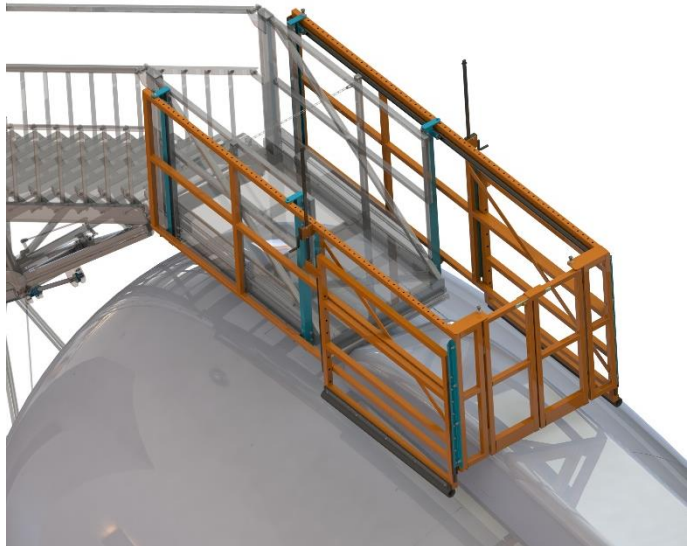
Basic Engine Pylon Access Package

- + Design according to NEN-EN-ISO-14122
- + Aluminium platform frame
- + Fixed aluminium railing system
- + Dedicated wheel support frame with stabilizer jacks on platform side for robustness and stability
- + Non-staining rubber protection on items close to aircraft skin
- + Applicable labels and signage
- + Available platform dimensions (WxD):
1000 x 1850 mm
Other platform dimensions upon request



Additional Safety Gates Packages

- + Design according to NEN-EN-ISO-14122
- + Mounted to basic fixed railing system with steel structural elements
- + All gates in colour orange RAL2004
- + Locking systems included on gates
- + Black non-staining rubber padding
- + Applicable labels and signage
- + Slidable side gates with front gates included to enclose FWD pylon working area
- + Vertical movable gates include to minimize gap between gate and pylon/nacelle surface



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