

NARROW BODY COMPACT WING DOCK

Product Group 2003



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aircraft docking

MOBILE COMPACT NB WING DOCK

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The mobile compact wing dock provides the under wing access maintenance solution for narrow body aircraft. The structural design enables large storage space and traffic underneath the wing dock to optimize the maintenance time and workflow around the main wing

Key Benefits

- + Specifically designed for modern narrow body aircraft
- + Height adjustable for aircraft on wheels and jacked
- + Ground mobile for flexible maintenance operations in the hangar bay
- + Large storage area underneath wing dock due to open structural design layout
- + Under wing access from main landing gear strut to wing tip for maintenance and flight control surfaces testing
- + Optional modules: wing tip and upper wing access
- + Adjustable floor and railing systems for ease of docking, multiple aircraft applications, flight control surface deflections and safety procedures
- + Robustness and stability due to mixed aluminum and steel material application
- + Design according to the latest safety standards

Features

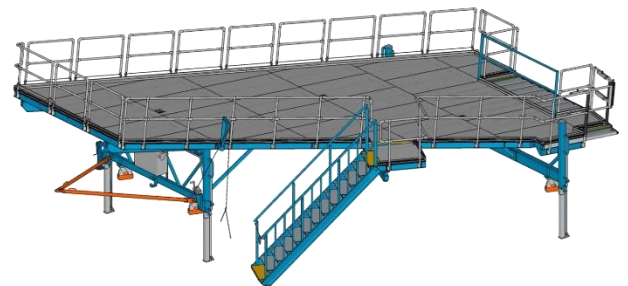
- + Height adjustable with electric-hydraulic system for ergonomics and ease of maintenance operation
- + Large sloped floor platform on each aircraft side with walk zones around projected wing area
- + Extendable floors for aircraft wing tripod configurations, access and safety purposes
- + Adjustable railing configurable for nose-in or tail-in docking procedures and fall protection
- + Rubber padding for aircraft surface protection
- + Utilities and lighting for aircraft maintenance operations

Specifications

- + Maximum boxed footprint (one side) : approx.. 12550 x 9400 mm
 - + Minimum module floor height (A320 wing tip location) : approx. 2440 mm
 - + Height adjustment stroke (A320 application) : approx. 1000 mm
 - + Max. load : 9 persons per side, 1 person per stair tread, 2 persons per stair
 - + Product weight : approx. 5500 kg (per side)
- Other platform dimensions and aircraft combinations upon request*



Wing dock configured for tail-in or nose-in



Open structure mobile compact sloped floor



Fit for various narrow body aircraft