JUNE 2023 REV1

NARROW BODY TAIL DOCK

Product Group 3002

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NIJL aircraft docking

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MODULAR TAIL DOCK FOR NARROW BODY AIRCRAFT

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The modular Tail Dock design minimizes the time for docking procedures and risk on aircraft damage due to the cantilevered design layout and ergonomic user interfaces. The product functions as a modular full aircraft tail section access solution.

Height adjustable cantilevered structure

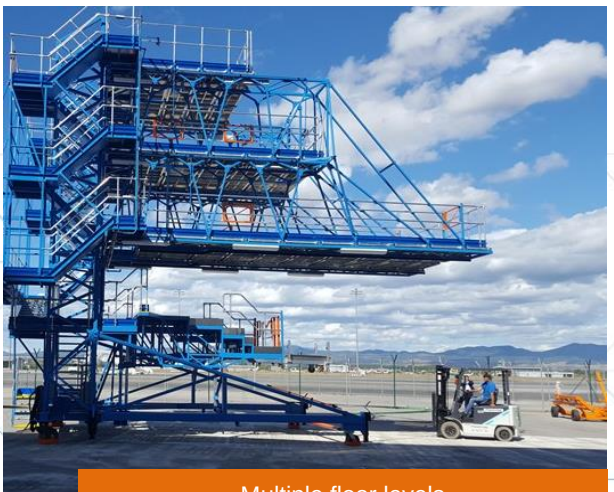
Key Benefits

+ Height adjustable for narrow body on wheels and jacked
+ Cantilever design layout: no need to move the docking system for tail-in maintenance operations
+ Ground mobile for flexible maintenance operations in the hangar bay
+ Modular design for full tail section access: APU and THS compartment, horizontal and vertical tailplane incl flight control surface testing
+ Large platform size for simultaneous work by mechanics, allocation of tooling and aircraft components
+ Small footprint to save hangar space
+ Robustness and stability due to mixed aluminum and steel material application

Large platform for simultaneous work

Features

+ Vertical main tower structure with integrated stairways
+ Horizontal Tailplane LH/RH modules
+ Height adjustable cantilevered structure with multiple floor levels for full vertical tailplane access
+ Configurable APU floor with separate height adjustment
+ Trimmable horizontal stabilizer compartment access module
+ Extendable floors following the aircraft contours and movable railing for access and fall protection
+ Rubber padding for aircraft surface protection
+ Utilities and lighting for aircraft maintenance operations
+ Optional: AFT PAX door access platform or stair



Multiple floor levels

Specifications

+ Overall Footprint dimensions (incl. cantilever floor) : approx. 17250 x 14000 mm
+ Required hangar height for tower structure : approx. 13800 mm
+ Max. load horizontal tailplane platform: 5 persons + tools per side
+ Max. load vertical levels: 3 persons + tools per level/per side
+ Product weight vertical tailplane: approx. 19.000 kg
+ Product weight horizontal tailplane approx. 3.000 kg each

Other platform dimensions and aircraft combinations upon request

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