

JETDECK HR Maintenance Stairs





General Information

AKS JetDeck Maintenance Stairs are designed to provide safe, stable, and efficient access for technical personnel during aircraft servicing, inspection, and maintenance operations across a wide range of aircraft types.

The HR unit features a robust working platform with an operational height range of 3,4 – 5.5 m, making it suitable for servicing regional jets and narrow-body aircraft. The structure is engineered to ensure maximum stability and operator safety during maintenance activities, with optimized platform geometry allowing easy and secure access to aircraft fuselage, doors, and service areas.

The stand is equipped with hydraulic height adjustment system ensuring smooth and controlled positioning, while maintaining a safe working angle and ergonomic access for crew members. Swivel casters wheel steering provides excellent maneuverability, allowing precise positioning even in confined operational environments. For enhanced safety, the parking brake is on both casters.

The working platform is fitted with anti-slip treadplate flooring, full-height tubular safety handrails, and toe boards to prevent tools or components from falling. Rubber buffers prevent contact damage to the aircraft structure. Mechanical height locking mechanism provides additional security.

Designed for durability in demanding airport environments, the structure can be supplied either hot-dip galvanized or finished with a two-layer anti-corrosion paint system (C4 class). The equipment is CE certified and delivered with a 24-month warranty.

Main Specifications

- Stair width: 100 cm
- Platform height range: 3.4 – 5.5 m
- Platform size: 2.9 m width x 1.8 m length
- Aluminium treadplate flooring of the stairway
- Platform load capacity: 250 kg
- Weight: 2300 kg
- Rubber aircraft protection buffers on top platform
- Steering is provided by swivel castors at the rear
- Compliance with IATA AHM907, AHM910, AHM913 and AHM920A
- Hydraulic height adjustment by two double acting cylinders
- Hot-dip galvanized or two-layer anti-corrosion paint system (C4 class)
- Tubular Handrails
- CE certified, 24 month warranty