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Aircraft Maintenance Stairs / Access Platforms





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Standard Maintenance Stair (2/3/4 Step)-MST2-MST4-900

The maintenance stair is used for carrying out inspection and maintenance work on aircraft. The aircraft maintenance stair designed and engineered may be used on different aircraft type whether at the apron or at aircraft maintenance hangar, in order to carry out inspection and maintenance tasks. The stair height must be adapted to the working height. The maximum load specified for the stair (sign on the stair riser) must not be exceeded. The unit must not be used for transporting persons, objects or for other purposes.



- Aluminium construction
- Platform height above ground: 500/750/1000 mm
- Platform dimensions: length 900 mm x width 1000mm
- Platform and steps made of anti-skid aluminium profiles
- Steps : 2/3/4
- Height of steps: 250 mm
- Access width: 1000 mm
- 2 wheels: Diameter 160 mm
- Stair load: max. 1 person/step
- Platform load: max. 300 kg (250 kg/m²) or 2 people
- Design: as requested, first and upper step yellow

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Maintenance Platform B777- MP-B777/MLG-LH or MP-B777/MLG-RH

The maintenance platforms are used to perform inspection and maintenance work on the Main Landing Gear on the left and right side of the B777. The maintenance platform consists of a chassis with Towbar, a platform with stairway and 4 extendable platforms. The chassis is fitted with two castor wheel at the front and rear, the rear castor wheels are provided with direction locks. The stairway is equipped with a fixed railing and extendible railings on the left and right side

- Steel/aluminium construction
- Platform and steps made of anti-skid aluminium profiles
- Maintenance platform with four extendible platforms
- Fixed railing on the stair with extendible railing (two locked limit positions)
- Platform edge with impact protection to protect the aircraft surfaces
- Front axle and rear axle consisting of two guide rollers with tire 4.00x8 CSE
- Safe positioning by means of 2x2 mechanical stabilizers (toggle lever system) actuated via hand lever (front and rear)
- Platform:
    - Height above ground:2.400mm
    - Length:4.000mm
    - Width:2.000 mm
    - Width extended:4.300 mm
- Tread width:750mm
- Number of step:10
- Step height:240mm
- Platform load:300kg(3 people+ tools)
- Stair load:2 people (1person/step)
- Towing speed: 6 km/h
- Design: as requested, first and upper step yellow
- Compliance: 2006/42/EC, EN 1915, EN 1915-2, EN 12312-08



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Maintenance stair 12 Step-MST12-P.A.S.

The maintenance stairs are used for carrying out inspection and maintenance work on aircraft, particularly in the pylon area above the engine. The maintenance stairs consist of the running gear with the stairs and platform. The step height is 250 mm, and the last step is designed as a platform. The stairs are equipped with a fixed railing. The platform is provided on both sided with a fixed railing with integrated, swivel safety gates for the front edge of the platform. The chassis is equipped with a turntable steering and a towing hook.



- Steel/aluminium construction
- Platform and steps made of anti-skid aluminium profiles
- The platform is provided on both sides with a fixed railing with integrated, safety gates at the front side of the platform
- Front edge of the platform with impact
- protection to protect the aircraft surfaces
- Rear axle consisting of two guide rollers with tires 4.00x8 CSE
- Front axle consisting of two steering rollers and tow bar
- Safe positioning by means of 1x2 mechanical stabilizers (toggle lever system) actuated via hand lever
- Plat form:
    - Height above ground 3.000mm
    - Length : 1.600 mm
    - Width: 2.000 mm
- Tread width:750mm
- Number of step:12
- Step height:250mm
- Platform load:300 kg (2 people)
- Stair load:4 people (1 person/step)
- Towing speed: 25km/h
- Design: as requested, first and upper step yellow
- Compliance: 2006/42/EC, EN 1915, EN 1915-2, EN 12312-08

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Maintenance stair 20 Step MST20-2400

The aircraft maintenance stair has been designed and engineered for for aircraft type A330, A340-300 / -600, in order to carrying out inspection and maintenance tasks. The stair may be used for door 3 (A330, A340-300) and door 4 (A340-600) as well as on wings. The maintenance stairs consist of the running gear with the stairs and platform. The step height is 250 mm, and the last step is designed as a platform. The stairs are equipped with a fixed railing. The platform has on both sides a sliding railing and a platform door for the front. The maintenance stairs can be used either on the airport apron as well as in hangar.

- Steel/aluminium construction
- Platform and steps made of anti skid aluminium profiles
- Platform is provided on both sides with a sliding handrail and a fixed handrail with safety gate at the front side of the platform
- Platform edges with impact protection to protect the aircraft surfaces
- Rear axle and front axle consist of two steering rollers with tire 4.00x8CSE
- Safe positioning by means of 2x2 mechanical stabilizers (toggle lever system) actuated by a hand lever (front and rear)
- Air Craft type: A330, A340,300 and A340-600.
- Platform:
  - Height above ground 3.000mm
  - Length : 1.600 mm
  - Width: 2.000 mm
- Tread width:750mm
- Number of step:12
- Step height:250mm
- Platform load:300 kg (2 people)
- Stair load:4 people (1 person/step)
- Towing speed: 25km/h
- Design: as requested, first and upper step yellow
- Compliance: 2006/42/EC, EN 1915, EN 1915-2, EN 12312-08



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Maintenance Platform A 320F- MP-A320F

The maintenance platform has been designed and engineered for the Airbus A319 and A320 family, in order carry out inspection and maintenance task inside the main landing gear wheel well compartment. The maintenance platform consists of a chassis and a platform with two stairs on the right and left side. The chassis is fitted with two castors at front and rear. The stairs are equipped with a fixed railing and a swivel railing.



- Steel/aluminium construction
- Platform and steps made of anti skid aluminium profiles
- Lateral double stair way with a fixed handrail and a turning safety handrail
- Platform with impact protection to protect the
- aircraft surfaces
- Front axle and rear axle consisting of two steering rollers with tire 4.00x8 CSE, 250 mm
- Safe positioning by means of 2x2 mechanical stabilizers (toggle lever system) actuated by a central hand lever
- Platform:
    - Height above ground 1.350 mm
    - Length : 1.500 mm
    - Width: 2.500 mm
- Tread width:600mm
- Number of step:5
- Step height:250mm
- Platform load:300 kg (2 people)
- Stair load:4 people (1 person/step)
- Design: as requested, first and upper step yellow
- Compliance: 2006/42/EC, EN 1915, EN 1915-2, EN 12312-08

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Maintenance stair 10 Step- MST10-NC/A380

The maintenance stairs MST10-NC/A380 and MST14-NC/A380 are used for inspection and maintenance work on the aircraft type Airbus A380 in the nose cowl area for engine 2+3 and 1+4. The maintenance stair consists of the frame with staircase and platform. The step height is 250 mm, the last being designed as a platform. The frame is provided at the front with two castors and the rear with two rollers. The stair case is equipped with fixed railings, and the platform is provided on both sided with a short railing with pendulum gate.

- Steel/aluminium construction
- Platform and steps made of anti skid aluminium profiles
- Fixed railing at left, right and rear side, height 1100mm
- Platform edge with impact protection to protect the aircraft surfaces
- Rear axle consisting of two guide rollers with tire 4.00x8 CSE and 2 steering rollers (front), diameter 250mm
- Safe positioning by means of 1x2 mechanical stabilizers (toggle lever system) actuated via hand lever
- Platform:
    - Height above ground 2.500 mm
    - Length : 1.500 mm
    - Width: 1.800 mm
- Tread width: 750mm
- Number of step:10
- Step height:250mm
- Platform load:300 kg (2 people)
- Stair load:4 people (1 person/step)
- Towing speed : 6 km/h
- Design: as requested, first and upper step yellow
- Compliance: 2006/42/EC, EN 1915, EN 1915-2, EN 12312-08



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Maintenance stair 14 Step-MST14-NC/A380

The maintenance stairs MST14-NC/A380 and MST10-NC/A380 are used for inspection and maintenance work on the aircraft type Airbus A380 in the nose cowl area for engine 1+4 and 2+3. The maintenance stair consists of the frame with staircase and platform. The step height is 250 mm, the last being designed as a platform. The frame is provided at the front with two castors and the rear with two rollers. The stair case is equipped with fixed railings, and the platform is provided on both sided with a short railing with pendulum gate.



- Steel/aluminium construction
- Platform and steps made of anti skid aluminium profiles
- Fixed railing at left, right and rear side, height 1100mm
- Platform edge with impact protection to protect the aircraft surfaces
- Rear axle consisting of two guide rollers with tire 4.00x8 CSE and 2 steering rollers (front), diameter 250mm
- Safe positioning by means of 1x2 mechanical stabilizers (toggle lever system) actuated via hand lever
- Platform:
    - Height above ground 3.500 mm
    - Length : 2.000 mm
    - Width: 1.800 mm
- Tread width: 750mm
- Number of step:14
- Step height:250mm
- Platform load:300 kg (2 people)
- Stair load:4 people (1 person/step)
- Towing speed: 6 km/h
- Design: as requested, first and upper step yellow
- Compliance: 2006/42/EC, EN 1915, EN 1915-2, EN 12312-08

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Maintenance stair 8 Step-MST8-UCAS

The maintenance stairs are used for carrying out inspection and maintenance work on aircraft. The maintenance stair consists of a chassis with staircase, an intermediate platform, and the top platform with an additional, extendible two-step stair. The chassis is equipped at the front with turntable steering and a tow bar, and at the rear with a brace support (right and left). The stairway is fitted with fixed railings. The platform has a rotating slide railing on both sides and swivel safety gates for the front platform edge.

- Steel/aluminium construction
- Platform and steps made of anti skid aluminium profiles
- Platform is provided on both sides with a turning handrail
- Turning handrails included a sliding handrail
- Gates for platform front, integrated into hand rails
- Folding stair with two steps in the upper platform
- Safe positioning by means of 1x2 mechanical stabilizers (toggle lever system) actuated by a hand lever
- Platform:
    - Height above ground 1.760 mm
    - Length : 1.060 mm
    - Width: 800 mm
- Tread width: 690mm
- Number of step:8
- Step height:220mm
- Folding Stair
    - Number of step:2
    - Tread : 450 mm
- Platform load:150 kg (1 Person)
- Stair load:4 people (1 person/step)
- Towing speed: 25 km/h



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Standard Maintenance Stair 5 Step Large- MST5-1600

The maintenance stairs are used for carrying out inspection and maintenance work on aircraft. The maintenance stairs consist of the running gear with the stairs and platform. The step height is 250 mm, and the last step is designed as a platform. The stairs are equipped with a fixed railing, and the platform is provided on both sides with a swivel railing with integrated safety gates for the front. A tow bar for towing operation can optionally be fitted to the maintenance stair.



- Steel/aluminium construction
- Platform and steps made of anti skid aluminium profiles
- Platform dimensions: length 1600 mm x width 1000 mm
- Platform length 1200 mm and 2000 mm as well available
- Height of steps: 250 mm
- Access width: 750 mm
- The stairs are equipped with a fixed railing, and the platform is provided on both sides
- with a swivel railing with integrated safety gates for the front.
- Stair load: max. 4 people, max. 1 Person/step
- Platform load: max. 300 kg (250 kg/m²) Or 2 people
- Design: as requested
- Description on the stair: as requested
- Design: as requested, first and upper step yellow
- Compliance: 2006/42/EC, EN 1915, EN 1915-2, EN 12312-08, CEsign

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Standard Maintenance Stair 13 Step Turning and Sliding- MST13-1200TS

The maintenance stairs are used for carrying out inspection and maintenance work on aircraft. The type designation **TS** identifies that the maintenance stair is equipped with a turning and sliding railing. The maintenance stairs consist of the running gear with the stair and platform. The step height is 250 mm, and the last step is designed as a platform. The running gear is provided with two wheels rear and front. The front axle is articulated, the rear axle is rigid. The stairs are equipped with a fixed railing, and the platform is provided on both sides with a turning and sliding railing with integrated safety gates for the front.

- Steel/aluminum construction
- Platform height above ground:3250 mm
- Platform dimensions: length 1200 mm x width 1000mm
- Platform made of anti skid aluminum profiles
- Platform railings tiltable downwards, with locking device
- Swiveling railing included sliding railing with a sliding way from 500mm to the aircraft
- Gates for platform front, integrated into railing
- Access width:750 mm
- Height of steps:250mm (13x)
- Steps made of anti-skid aluminum profiles
- Rear axle consisting of two guide rollers with tyre 4.00x8CSE and 2 steering rollers (front), diameter 250 mm
- Safe positioning by means of 1x2 mechanical
- stabilizers (toggle lever system) actuated via hand lever
- Design: as requested, first and upper step yellow
- Stair load: max.4 people max. 1 person/step
- Platform load: max. 300kg (250kg/m²) or 2 people
- Compliance: 2006/42/EC, EN 1915, EN 1915-2, EN 12312-08, CEsign



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Standard Maintenance Stair (5/6/7/ 8 Step Extra Large)- MST5- MST8-2000

The maintenance stairs are used for carrying out inspection and maintenance work on aircraft. The maintenance stairs consist of the running gear with the stairs and platform. The step height is 250 mm, and the last step is designed as a platform. The stairs are equipped with a fixed railing, and the platform is provided on both sides with a swivel railing with integrated safety gates for the front. A tow bar for towing operation (max. 6 km/hr.) can optionally be fitted to the maintenance stair. These steps are also available in lengths of 1200 mm and 1600 mm and the RC model is towable up to 25 km/hr.



- Steel/aluminum construction
- Platform height above ground 2000mm
- Platform dimensions: length 2000mm x width 1000mm
- Platform made of anti skid aluminum profiles
- Platform railings tiltable downwards, with locking device
- Gates for platform front, integrated into railing
- Access width 750mm
- Height of steps 250mm (8x)
- Steps made of anti-skid aluminum profiles
- 2 fixed rollers and 2 steering rollers, diameter 250mm
- Safe positioning by means of 1x2 mechanical stabilizers
- (toggle lever system) actuated via hand lever
- Design: as requested, first and upper step yellow
- Stair load: max. 4 people
- max. 1 person/step
- Platform load: max. 300kg (250kg/m²) or 2 people
- Compliance: 2006/42/EC, EN 1915, EN 1915-2, EN 12312-08, CEsign

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Standard Maintenance Stair (5/10/..19 Step, Towable)

The maintenance stairs are used for carrying out inspection and maintenance work on aircraft. The type designation **RC** identifies that the maintenance stair is equipped with a reinforced chassis and a towing hook; designed for towing up to 25 km /hr. The maintenance stairs consist of the running gear with the stairs and platform. The step height is 250 mm, and the last step is designed as a platform. The running gear is provided with two wheels rear and front. The front axle is articulated, the rear axle is rigid. The stairs are equipped with a fixed railing, and the platform is provided on both sides with a swivel railing with integrated safety gates for the front. These steps are also available in lengths of 1600 mm and 2000 mm and without a towing arm.

- Steel/aluminum construction
- Platform height above ground:1750mm
- Platform dimensions: length 1200mm x width 1000mm
- Platform made of anti-skid aluminum profiles
- Platform railing tiltable downwards, with locking device
- Gates for platform front, integrated into railing
- Access width:750mm
- Height of steps:250mm (7x)
- Steps made of anti skid aluminum profiles
- Chassis - RC for max. speed 25 km/h
- Steel structure
- Rear axle –width:1500mm –consisting with 2 fold tires 3.00 x 4 CSE
- Turntable steering with 2 fold front tires, 3.00 x 4 CSE, axle width:510 mm
- Drawbar with towing eye:35mm
- Wheelbase:1930mm
- Safe positioning by means of 1x2 mechanical stabilizers (toggle lever system) actuated via hand lever
- Design: as requested, first and upper step yellow
- Stair load: max. 4 people
- max. 1 person/step
- Platform load: max. 300kg (250kg/m²) or 2 people
- Compliance: 2006/42/EC, EN 1915, EN 1915-2, EN 12312-08, CEsign



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Standard Maintenance Stair (5/6/7/9..19 Step) MST5- MST9-1200

The maintenance stairs are used for carrying out inspection and maintenance work on aircraft. The maintenance stairs consist of the running gear with the stairs and platform. The step height is 250 mm, and the last step is designed as a platform. The stairs are equipped with a fixed railing, and the platform is provided on both sides with a swivel railing with integrated safety gates for the front. A tow bar for towing operation can optionally be fitted to the maintenance stair. These steps are also available in lengths of 1600 mm and 2000 mm and the RC model is towable up to 25 km/hr.



- Steel/Aluminum construction
- Platform dimensions: length 1200 mm x width 1000 mm
- Platform length 1600 mm and 2000 mm as well available
- Platform and steps made of anti-skid aluminum profiles
- Height of steps: 250 mm
- Access width: 750 mm
- Stair load: max. 4 people, max. 1 Person/step
- Platform load: max. 300 kg (250 kg/m²) or 2 people
- Design: as requested
- Compliance: 2006/42/EC, EN 1915, EN 1915-2, EN 12312-08, CEsign