

# Challenger Maintenance Platform

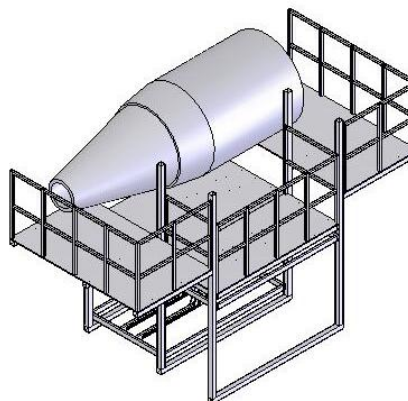
## Designed for both heavy and light maintenance



### Easy handling

The platform is a light-weight aluminium construction mounted with our own special designed pneumatic wheel set, making the platform easy to move around by hand.

When being placed for maintenance, the special designed wheels pull up and the platform rests on its frame, making it even more stable to work on.



### Safety first and foremost

This platform is designed, constructed and CE-labelled in accordance the machine directive 2006/42/EF and DS/EN-419.

In and around engines, the platform is a secure work surface for service technicians. All openings towards the planes are covered by automatically controlled sliders with clip lists. The deck is secured with railing and self-closing gates.

Whether the plane is jacked up or not, the two middle decks are fitted with height adjustments in order to reach optimal working height.

### Design criteria

Directive 2006/42/EU Safety  
DS/EN-1052 Risk Evaluation  
DS/EN-292 Machine Safety  
DS/EN-419 Aluminium Constructions

**Aalborg Aluminium Industri**

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# Challenger Maintenance Platform

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## Service platform FKCL604

Constructed from four platforms with a hydraulic pumping station and a pneumatic wheel set.

## Fixed platforms with a horizontal slider

Area of Platform 3,25 m<sup>2</sup>

SWL 450 kg.

Flexible horizontal slider 0-400 mm

## Height adjusted platform under engine

Flexible height adjustment 500-1800 mm

Area of platform 3,25 m<sup>2</sup>

SWL 450 kg

## Height adjusted platform in front of engine

Flexible horizontal slider 0 – 400 mm

Flexible height adjustment 1400-2800 mm

Area of work 2,3 m<sup>2</sup>

SWL 450 kg

## Elevation and lowering technique

Hydraulic driven shear formed platforms.

Pneumatic elevating and lowering set of wheels to manoeuvre the service platform.

Mobile entrance stairs.

Entire lifting capacity of service platform is SWL 1800 kg



## Safety technique

Horizontal legs for stabilising service platform.

Enclosure of shears.

All gates open inwards.

Operating box is placed on the service platform.

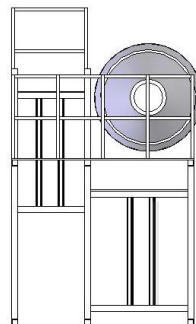
Operating box is fitted with an emergency stop.

Safety operation from control cabinet.

Emergency stop and main switch off on control cabinet.

Electrical-mechanical safety circuit.

Hydraulic block stop valves.



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