

LAM 35000 DP/B9

HEAVY DUTY MAIN DECK LOADER

77 100 Lbs capacity (35 000 kg)

The **LAM 35000DP/B9** is a 35 tons capacity self-propelled heavy duty main deck loader offering the most advanced features required by the end users, including clear deck for handling oversized loads.

LOADER CAPABILITIES

- Transfer pallets / igloo / net combination
 - to the lower deck compartments of A300 B/C, A 310, A 330, A 340, A350, A380, B 747, B 757, B 767, B 777, B787, DC 10, L 1011, MD 11 aircraft.
- Transfer containers, pallets / igloo / net combination
 - to the main deck compartments of A300 B/C, A 310, A 330, A 340, A350, A380, B747, B 757, B 767, B 777, B787, DC 10, L 1011, MD 11, B 707 C, B 727 C / QC, B 737 C / QC, DC 8 F aircraft.
- Receive on the main platform :
 - either two standard aircraft pallets (up to 96 x 125 in), lengthwise or crosswise.
 - or 3 standard pallets crosswise.
 - or one 20 foot pallet / container.
- Receive on the bridge (lengthwise or crosswise) :
 - one pallet (max. 96 x 125 in).
- Transfer oversized cargo with a maximum width of 3.8 m (150 in) corresponding to the threshold of B 747 F aircraft (nose door).
- **Transfer loads to the aircraft at transfer heights from approx. 2.150 m to 5.580 m (84.6" to 219.7").**
- Receive and discharge loads from ground vehicles at a minimum height of 510 mm (19,6 in) and a maximum possible height (on the rear) of 1.600 m (63 in).



Solid wheels modules for independent load transfer on the front, middle and rear parts of the main platform.

Perfect interface of the bridge and main platform by an electrical system slowing the platform when it comes to the bridge level and setting it at the same level.

Powered rollers rear and side loading (right and left).

One man operation. Direct access to both the driving and operation controls.

Overall dimensions

- Length :	13.00 m (511.8 in)
- Width :	4,72 m (187 in)
- Height mini. including handrails :	3,2 m (126 in)
- Wheel base	5.97 m (255 in)

Powered rotation and centring of the pallets on the rear platform by 6 hydraulically operated centre rollers.

Electro hydraulically controlled rear guide rail for direct rear loading at heights between 510 mm (19,6") and 1600 MM (63") the rear guide rail (use as a stop) can be hydraulically retracted. Automatic mechanical retraction at 500 mm level.

Powered side shift on the bridge by 3 wheel powered modules.

Hydraulically powered side guide with + or – 50 mm travel. collapsible cutaway on the bridge for lower lobe pallet door operation

Fully controllable slow approach to the aircraft to easy proper alignment.

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GREATER GROUND CLEARANCE

A ground clearance of 220 mm enables the LAM 35000 DP/B9 to negotiate, in accordance with IATA regulations two ramps with a 5° vertical difference in the ramp angle.

In final approach the chassis is lowered to 50 mm above ground height.



HANDLING OF OVERSIZED CARGO

Since the load transfer beds are unobstructed by vertical lifting rams oversized loads of up to 3800 mm can be handled.

VERSABILITY

Although designed as a heavy duty main deck loader the LAM 35000 DP/B9 is also suitable for use of lower deck to handle pallets.

MANOEUVRABILITY

A steering angle of + or – 45° of the front wheels gives the LAM 35000 DP/B9 a very short turning radius (12.5 m) – maneuverability normally associated with a smaller loader.

The LAM 35000 DP/B9 drive system has been designed to allow the loader excellent inching characteristics, easing aircraft approach

HIGHER SAFETY AND LOWER MAINTENANCE

The LAM 35000 DP/B9 complies with international safety regulations. It is able to operate under severe weather conditions. The advanced technology of the design and tested experience of the components assure a general reliability of over 90% between two main overhauls of the equipment