

LAM 7000 DP/9

PALLET/CONTAINER LOADER

15 000 Lbs capacity (7 000 kg)



The AIR MARREL LAM7000DP/-9 serie loader is a development of the well known LAM7000DP/.8 series. Designed and manufactured with CAD-CAM technology, the new serie brings more features, versatility and ease of use to the operator. Even more, it reduces operating costs and aircraft ground time.

A **clear-deck** allows for the **handling of oversize loads**. Another cost saving feature is a **chainless load transfer system**, using independent, service-free hydraulic modules.

According to its version it is suitable for narrow container doors (B9 version) and wide pallet doors of the B767 (L9 version), it also handles the main deck of wide body aircraft, such as the B747 freighter and combi, DC10 or A300C4.

LOADER CAPABILITIES

Baggage container / pallet transfer to the lower deck compartments of :

- B747, 757, 767, 777, DC10, MD11, L1011, A300, A310, A320, A321, A330, A340 & A380 aircraft

Pallet transfer to the main deck of :

- DC8F, DC9F, B707C, B727C, B727QC, B737C, B737QC, BAe 146QT/QC aircraft

Front loading and transfer height to the aircraft from 1830 to 3720 mm (72 to 146,5 in) for the Lower Deck version.

Front loading and transfer height to the aircraft from 1920 to 5565 mm (75,6 to 219,1 in) for the MDL9 UNIVERSAL version.

The new LAM 7000 DP/-9 can load and unload cargo from ground vehicles at a height of 508 mm (20") with a minimum height of 480 mm (18.9") and a maximum possible height on the rear of 1600 mm (50")



LAM 7000 DP / B9

The LAM 7000 DP/-9 is available in 3 versions:

▪ LAM7000 DP/B9 ET L9

min bridge height: 1 830 mm
Max bridge height: 3 720 mm
min platform height: 480 mm
Max platform height: 3 710 mm

▪ LAM7000 DP/H9

min bridge height: 1 910 mm
Max bridge height: 5 570 mm
min platform height: 490 mm
Max platform height: 4 740 mm



LAM 7000 DP / L9

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▪ **UNIVERSAL LAM7000 DP/MDL9**

min bridge height: 1 920 mm
Max bridge height: 5 565 mm
min platform height: 480 mm
Max platform height: 3 640 mm



LAM 7000 DP / MDL9

GROUND CLEARANCE

Hydraulically controlled platform ground clearance ensures maximum driveability over rough surfaces

EASY POSITIONING AND AUTOMATIC ADJUSTMENT

Our new aircraft door-sill levelling system allows instant automatic height compensation whilst maintaining the pitch setting. It offers also hydraulic adjustment of the rails guides and load centring on the bridge and hydraulic adjustments of the flaps

MANOEUVRABILITY

Increased stability and manoeuvrability / two seemingly incompatible goals which the LAM 7000 DP-9 reaches through a wide track two wheel front drive and an exceptional turning radius with 40° angle.

RELIABILITY

In the new series, even higher reliability is achieved through the replacement of most flexible hydraulic hoses by rigid pipes.

EASE OF MAINTENANCE

Routine engine maintenance can be conducted with the engine in place; a hydraulically assisted pull out engine cradle allows quick and easy access for engine overhaul or replacement.

ELECTRICAL SYSTEM

Electrical components are selected and tested for extreme weather conditions and maximum humidity

CHAINLESS DRIVE

A chainless direct drive load transfer system ensures accurate control and reduced maintenance cost

CLEAR DECK

Oversize loads can be handled with total ease and safety thanks to a clear deck configuration, with no vertical rams preventing load transfer