



# TAM 7001



## PALLET/CONTAINER TRANSFER TRANSPORTER 15400 Lbs capacity (7000 kg)

The new AIR MARREL TAM 7001 is the latest development of the previous AIR MARREL transporter. Designed and manufactured with CAD CAM technology, it transports loads even more easily and efficiently.

### MAIN FONCTIONS

- ❑ The transporter can transport and transfer cargo loads up to 7000 Kg with dimensions up to 96'' x 125'' to aircraft loaders, dollies and racks, and similar equipment.
- ❑ Transfer and receive loads between 17''88 (454 mm) minimum and 23''(585 mm) maximum.
- ❑ Transfer and receive loads at both front and rear end  
(Longitudinal transfer 96'' width)
- ❑ Transfer the following units :
  - 125'' x 96'' (3175 x 2438 mm) and 125'' x 88'' (3175 x 2255 mm) pallets
  - Two containers type LD1, LD2 or LD3
  - One container type LD6, LD7, LD8.





## ENVIRONMENT

The performance of the equipment is unaffected by atmosphere conditions such as wind, salt sea air and heavy tropical rains. The equipment may be used at temperature ranging from  $-10^{\circ}\text{C}$  to  $50^{\circ}\text{C}$  and at a relative humidity of up to 100 %.

## GENERAL SPECIFICATION

**Working platform:** the platform is able to support and handle loads up to 7000 Kg (15 400 Lbs). It is fitted with bed of free zinc plated (full width rollers – 133 mm diameter) and with 4 rows of hydraulically powered transfer modules (with 3 rubberized wheels per row, or zinc plated rollers – 168 mm diameter - depending on customer request) operated in 2 different Sections.

All powered rollers are directly driven by hydraulic motors through our **chain-less load transfer system**, which allows easier maintenance and easier operation.

Front and rear stops are fitted on both ends of the platforms so that all types of ULD can be securely transported.

The fitted side guides are fixed and are not removable.

Platform, in between rollers, is fitted with anti-skid paint

## DRIVING AND OPERATING CONTROLS

The driving and operating controls are located either on the right front part or on the left front part of the Transporter, enabling the operator to have an efficient control of any operation.

Driving and operating controls include the following features:

- Driving joystick: forward position – neutral position – backward position
- Parking brake
- Operating joysticks :
  - Front pallet drive joystick
  - Rear pallet drive joystick
  - Retraction of front stop
  - Retraction of rear stop
- Loading height adjustments
- Engine shut on/off device
- Lights

All functions are identified by pictograms. All switches, joysticks, and lights are waterproof.

Emergency stop button is also fitted on the console.

Fail-safe interlocks and limits such as check valves are provided in the system to ensure safe operation.

## LIGHTINGS

- Headlights
- Turnlights (front and rear)
- Beacon light (or revolving light)
- Clearance light
- Reverse light
- Brake light

In a word, this new transfer transporter has been made for and around the operator: it gives him excellent visibility in any operating conditions, it has an extreme progressivity when approaching and last but not least the framework has been designed to protect the operator in any case.

## OVERALL DIMENSIONS

|                 |                                   |
|-----------------|-----------------------------------|
| Overall length: | <b>4 740 mm</b> (without bumpers) |
| Overall width:  | <b>4 000 mm</b>                   |
| Overall height: | <b>Between 1600 &amp; 1700 mm</b> |
| Wheelbase:      | <b>3 142 mm</b>                   |

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