



# Stacker Cranes

## for Pallets

*Maximum efficiency for pallets*

### General Introduction:

'Jay' Stacker cranes are machines designed for the automated storage of materials. They travel along the aisles of the warehouse, where they enter, position and extract materials. Material are entered and extract in the same movement (this is known as a combined cycle). This increases the productivity of the installation at the same time reducing the resources required for it to function.

In order to move the loads in the warehouse, the stacker cranes can carry out three types of movements:

Longitudinal: on the rail along an aisle.

Vertical: up the column of the stacker crane.

Transversal: or in depth, performed by the extraction systems fitted to the cradle of the machine in order to extract or position a pallet.

In principle there are two types of stacker cranes:

- Single Mast for pallet load weight upto 1000kg.
- Twin mast for pallet load weight upto 1500 kg.

