

## Features

- ◆ Ideal for high density vertical storage
- ◆ Inbuilt forks for handling palletized loads
- ◆ Load movement through guided mast / lifting car for high operating safety & reliability
- ◆ Can store/ retrieve pallets in any order. Crane mounted on racks or can be independently supported on gantries
- ◆ Suitable for multi - aisle operation. All motion with electrical control. Pallet / load rotation up to 330 degree inside aisle operation in narrow aisle space

## Benefits

- ◆ **Engineered for application**
  - ▶ Compact chain hoist fitted between two girders to keep very low crane headroom above racks
  - ▶ Mast design enables narrow aisle operation
  - ▶ Single or double deep storage possible by unique fork and mast design
  - ▶ No derating of capacity at any level of storage
  - ▶ Electrical system assures availability of stacker crane round the clock
  - ▶ Saving in floor space due to utilization of vertical storage space and narrow aisle operation.
  - ▶ Demonstrated successes in multiple sites over years
- ◆ **High efficiency**
  - ▶ Offered with proven components selected for a long service life and high degree of reliability
  - ▶ Optimized speeds to achieve higher throughput rate keeping lower cycle time
  - ▶ Low operation and maintenance costs, high uptime arising from optimized design
  - ▶ Reduced handling time due to exact positioning of stacker through use of VVFD & PLC in all motion
  - ▶ Component selection and technology devised to be user friendly and for efficient load handling and reduced maintenance

## Standard Technical Specifications

SWL up to	3 T
Span up to	25 meters
Rack Height up to	10 meters
Long Travel (LT) Speed Up to	20 m/min
Cross Travel (CT) Speed Up to	20 m/min
Hoisting Speed Up to	8 m/min
Hoisting / Travel Speeds	Dual speed offered as standard. VFD (optional)
Control	By ergonomic control station on mast

Optional : online intelligence with HMI built in operating control unit for selection of locations.



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