

# EMS



EMS has high space utilization and is capable of the shortest transfer.

# EMS(Electric Monorail System)

Electronic Monorail System (EMS) is an overhead type rail guided vehicle which therefore save space and provide high performance in a beeline. Each carrier can be designed into cage, conveyor, or chuck type according to customer's requirement and deliver products safely by accurate position control transportation and distribution of a variety of items/products can be executed simultaneously.

SMC's EMS ensures stable loading/unloading As wire goes up and down and transfers to the designated destination, which can be applied to any circumstances.

## Basic specification

- ✓ Load Capacity for Overhead Model (Load Included) : 250 kg~ 3,000 kg
- ✓ Horizontal Turn: Min. R 1,000 ~1,500 mm
- ✓ Control Method: Zone Control, Self-Running Control, Microcomputer Control ( Intelligent Control etc.), PLC, Inverter Speed Control
- ✓ Travel Rail: Extruded Aluminum Rails



## Benefit

- ✓ High throughput handling
- ✓ Optimized utilization of space
- ✓ Flexible applications by various types of carrier (Cage, Chuck, Conveyor and customized type)
- ✓ Easy to add carriers for increased throughput
- ✓ Simple and easy installation



## Type

### ➤ **CAGE Type**

Transfer Load using Cage Type machine



### ➤ **CHUCK Type**

Transfer Load with pick up hand for material handling

