

Gantry Robot



The gantry is capable of efficient picking in a limited space

Gantry Robot

SMR-10 consists of a manipulator mounted onto an overhead system that allows movement across a Horizontal plane. Its servo motor operates gantry robot, alike overhead crane which moves in X, Y, Z axis with full speed of approximately 240m/min, and maximizes throughput from point A to B. Moreover, SMR 10 is capable of loading and unloading cohesive designated area under immaculate control.

New generation SMR-20 is built with light and simple bridge to give more benefit for installation. Its flexible design of beam also allow easy adjustment of installation.

Basic Specification

- ✓ Speed : Max 240m/min
- ✓ Acceleration : Up to 4m/sec
- ✓ Load Weight : Vary
- ✓ Z-traveling : R-motion

Benefit

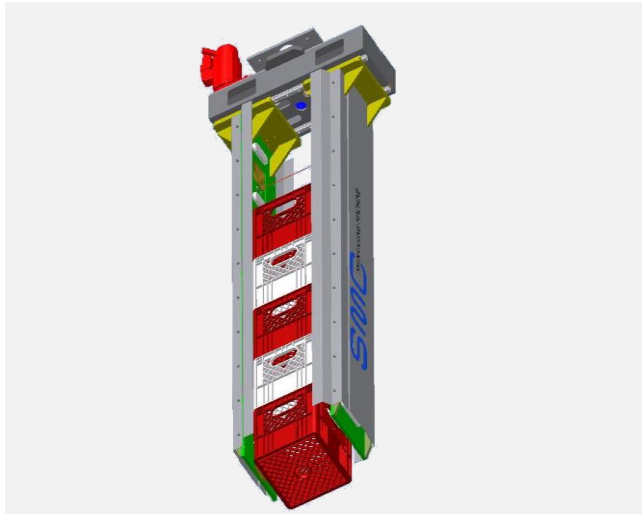
- ✓ Picking and storing in the same area which is applicable with flexible layout
- ✓ Handles large and heavy loads as well as small and lightweight materials.
- ✓ High picking throughput
- ✓ Reliable and low maintenance.
- ✓ Stacking FL to 2000mm



Features- Crate Handling Type

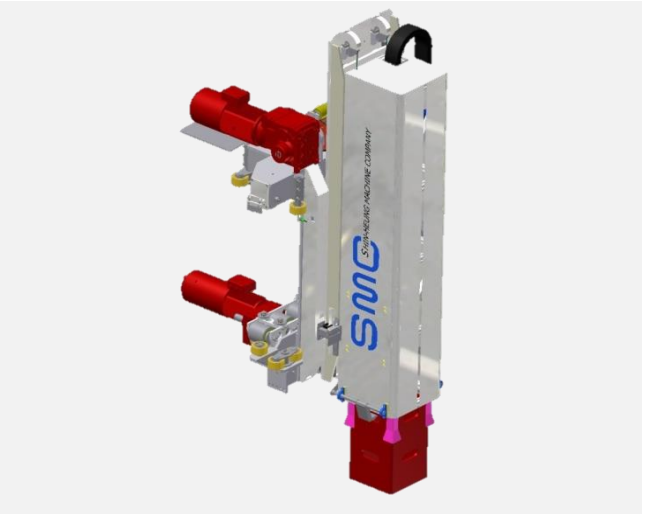
Maximum weight: 350KG (500KG in case of its own weight included)

CLAMP TYPE TOOL



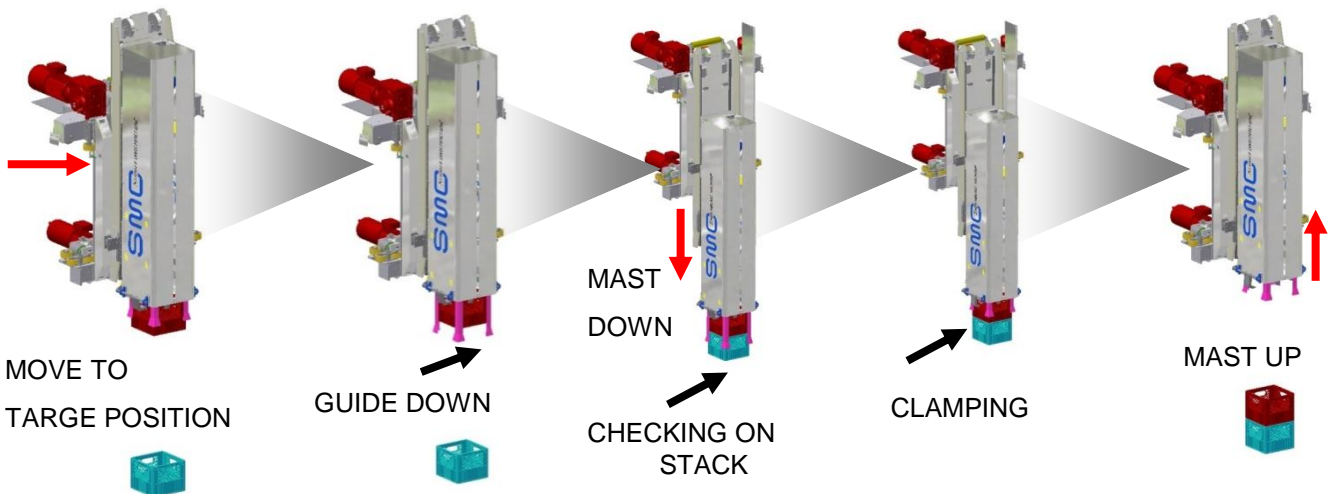
Applied for the same or similar size crate handling at once, and box-unit as well.

LINK TYPE TOOL



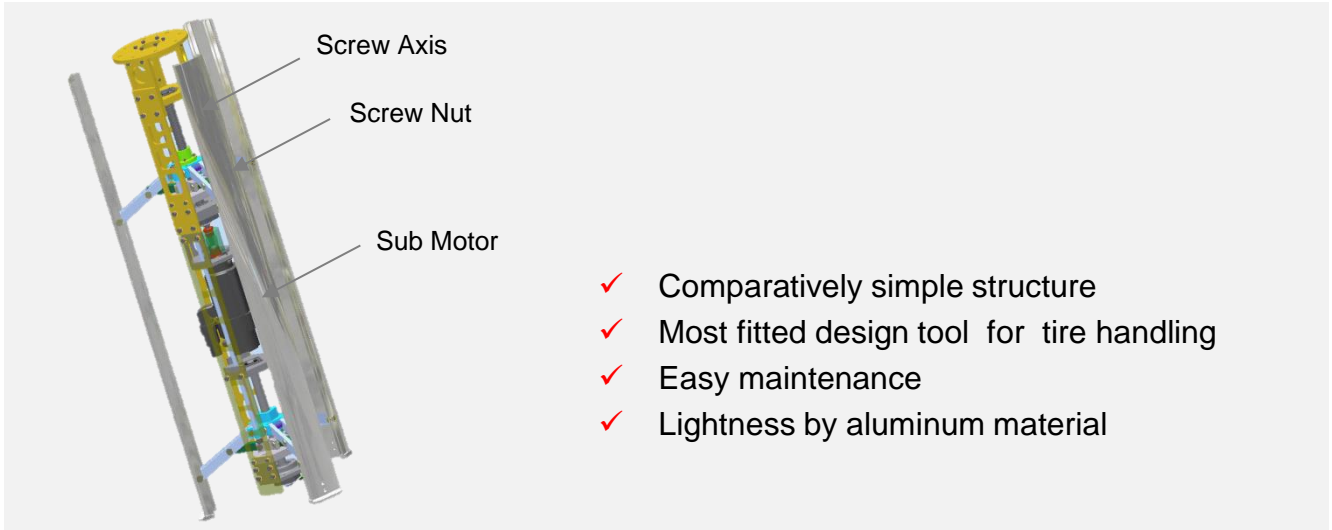
More preferred to one-size crate handling

Flow chart



Features- Tire Handling Type

► Tool Structure



► Tire type- Picking Operation

- ✓ Increased storage capacity by honeycomb-shape
- ✓ Profit growth as load size is expanded
- ✓ Especially most powerful solution as prototype product storage such as a tire & paper roll etc. in manufacturing line.

