

# Container Skate Mover

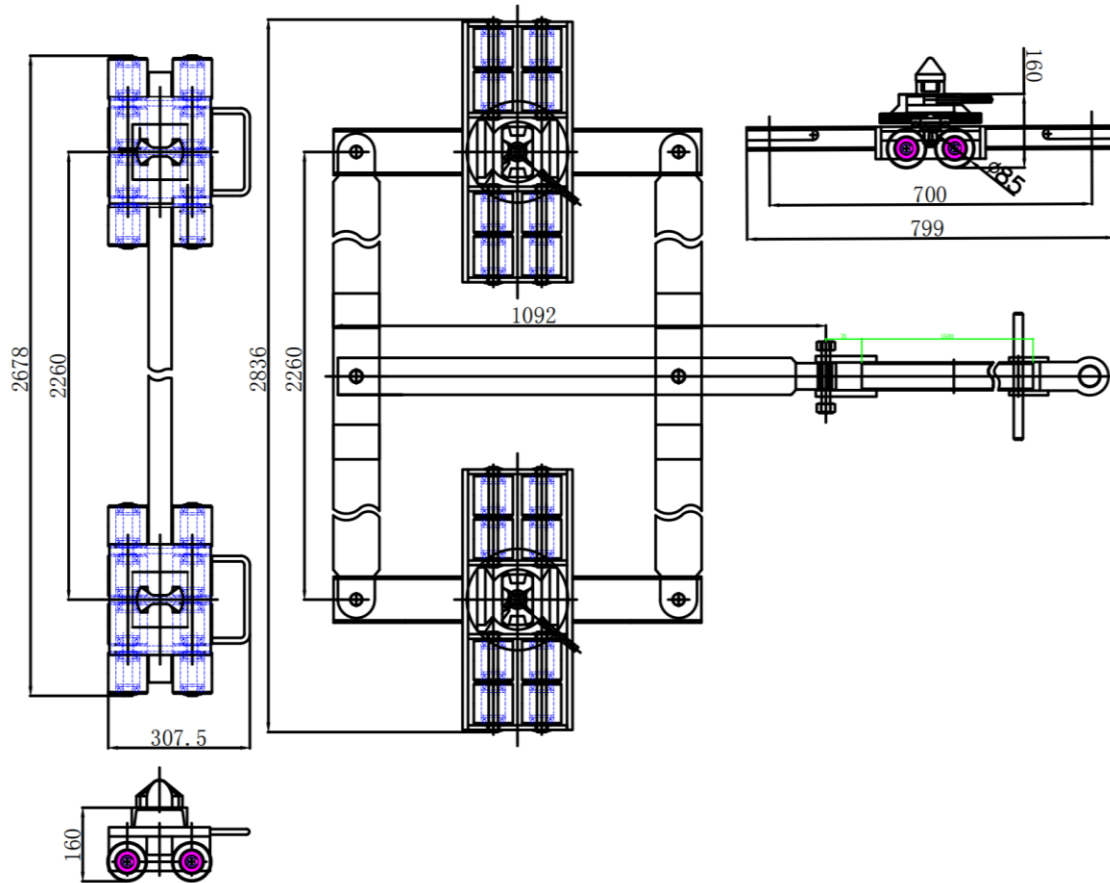
## User Instruction



# **1.Product brief introduction**

- Specialized design for indoor container handling where large container trucks cannot enter.
- Securely holds containers in place without detachment during turns.
- Unique design distributes weight evenly across each wheel to reduce wear on wheels.
- Durable materials ensure longevity and reliability.
- Easy to operate and maneuver with minimal effort required.
- Widely applicable in logistics centers, ports, and other related environments.
- Can handle 20ft and 40ft containers with a maximum load capacity of 32 tons.
- Can be used in conjunction with other equipment, such as cranes or forklifts, for added efficiency in container handling.

## 2.Product size drawing



**Capacity:** 32 tonne

**Number of Rollers:** Steering skate 16

Rear skate 16 (8 per skate)

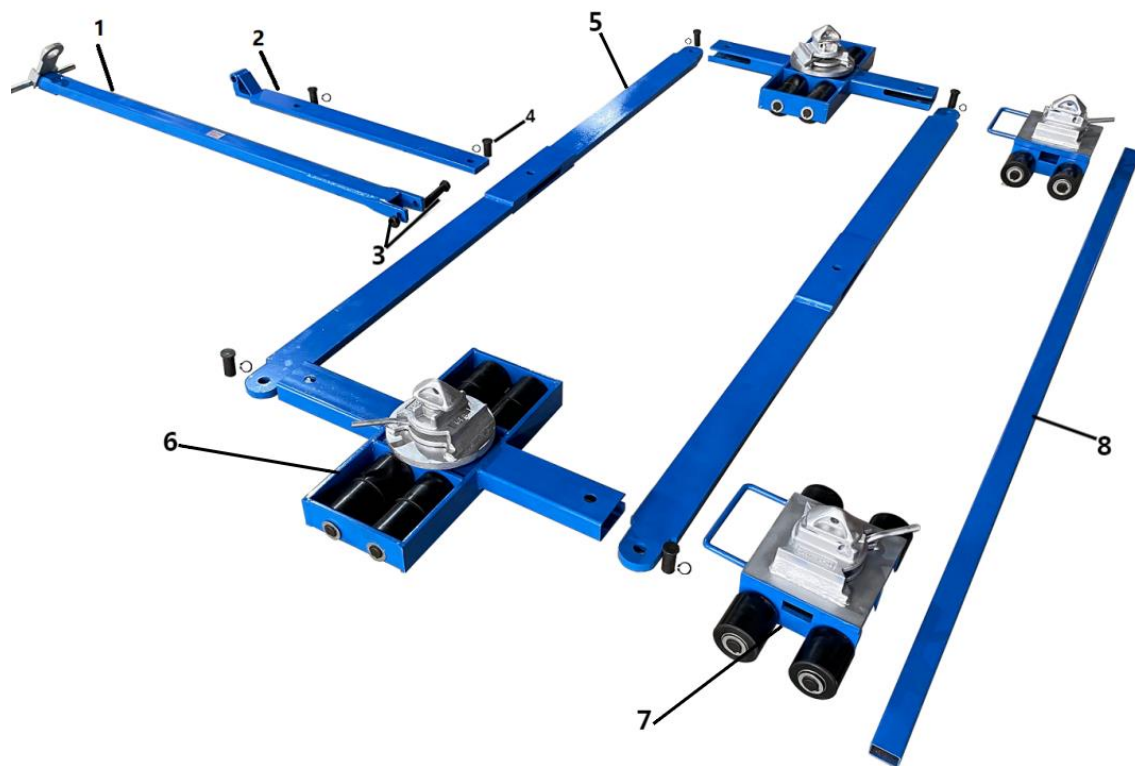
**Net weight:** 240kg

**Total weight:** 270kg

**Shipping Dimensions:** Crate 1: 1100 x 980 x 240mm Weight 140kg

Crate 2: 2540 x 330 x 160mm Weight 130kg

### 3.Spare parts explosion diagram



| Parts Number | Spare Parts Name                              | Number |
|--------------|---|--------|
| 1            | Handle Assembly for CR-E16                    | 1      |
| 2            | Connection arm assembly for the CR-E16 handle | 1      |
| 3            | Screw   | 1      |
| 4            | Pin   | 6      |
| 5            | Connecting Arm for CR-E16                     | 2      |
| 6            | CR-E16  | 2      |
| 7            | CR-F16  | 2      |
| 8            | Connecting Rod                                | 1      |

# 4.Steps to Use Assembly

## Step 1



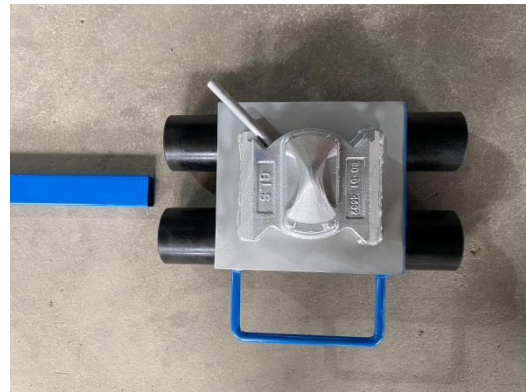
Fitting CR-F16



Fitting CR-F16



Connecting Rod



Fit the connecting rod into the square hole of the CR-F16

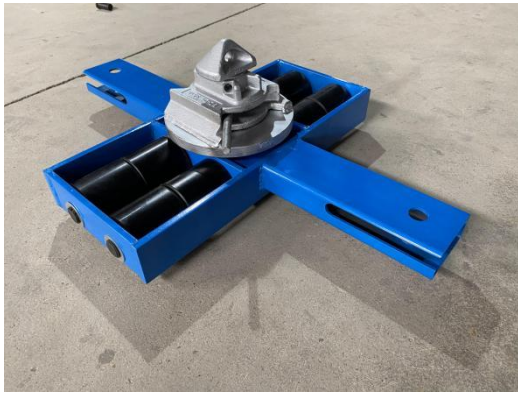


After loading CR-F16 hole



Insert CR-F16 holes

## Step 2



Fitting CR-E16



Connecting Arm for CR-E16



Install the connecting arm into the  
CR-E16 slot



Align the CR-E16 body with the  
connecting arm holes



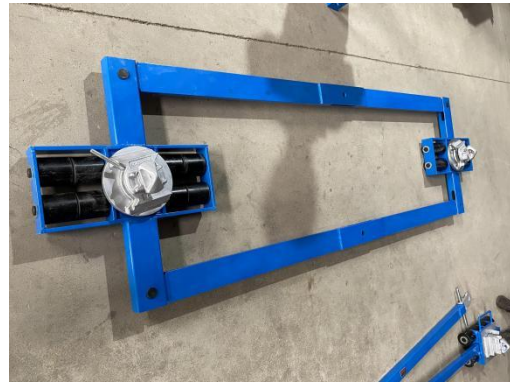
Load the pin



Load the pin



Secure each pin with a circlip



The CR-E16 is installed

### Step 3



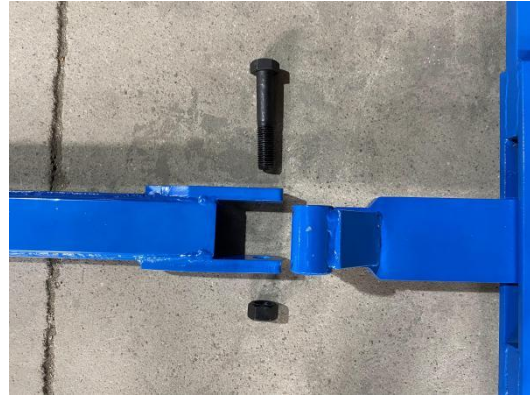
Connection arm assembly for the  
CR-E16 handle



Install the CR-E16 handle  
connection arm and secure it with  
a pin



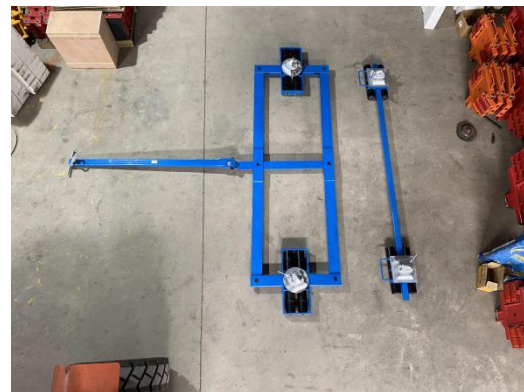
Handle Assembly for CR-E16



Install the handle assembly of the CR-E16 and secure it with screws



Assembly complete



All components are assembled

## 5.Method of Application

The first step, before the product is used, the product is assembled and the components are firmly fixed according to the CR-E16+F16 assembly steps. The second step, lift the container with a jack or lifting tool, about 30-40cm off the ground (Adjust the appropriate height according to different use scenarios). The third step, push the already assembled CR-E16+F16 components into the bottom of the container. And ensure that the buttonlock locks at the top of the CR-E16+F16 are aligned with the keyholes at the bottom of the container. Then slowly

lower the container so that the container is fixed on the CR-E16+F16 assembly. Finally, turn the buttonlock wrench. The fourth step, after the container is fixed, the container can be pulled to the destination using a tractor or manpower.

## **6.Application Scenarios**

In factories, docks, warehouses and use cases involving transportation.

## **7.Precautions**

1. The turning Angle shall not be greater than plus or minus 45 degrees in the direction of the vertical container;
2. This product is not suitable for environments with heavy grade;
3. This product is not apply to environments with shaking, uneven ground, and non-hardening ground;
4. The speed of the product must be less than 5 kilometers per hour.
5. It is strictly prohibited to overload, if it is used under off-load conditions, it is necessary to reduce the load (actually determined according to the off-load situation).