

# 无动力集装箱自动吊具使用方法

## **Method of using automatic lifting tools for unpowered containers**

适用：40t 门下的集装箱装卸，吊具重量轻，无动力，操作简单，投资少。

吊具有 20 英尺和 40 英尺及非标箱可供选择。

### **吊箱操作**

首先将吊具的四根主起升钢丝绳索具和一根转向钢丝绳置于门机吊钩内，在吊装前转锁处于打开方向，利用司机熟练的操作技巧，使吊具的四只转锁置入集装箱的箱角内，然后使吊钩缓慢起升，中间转向钢丝绳首先张紧并拉动转向机构使转锁旋转 90 度至闭合状态，同时司机已看到转锁已转向锁紧状态，继续提升吊钩即可吊起集装箱。

### **放箱操作**

将集装箱吊至预定的位置后，使吊钩继续下降 1-2M,然后重新提升吊钩在主起升钢丝绳受力前拉动转向钢丝绳使转锁回到打开位置，继续提升吊钩即可使吊具和集装箱分离，完成一次操作。

### **维护**

吊具的连杆和转向机构要经常打开检查，并加润滑油，使各部位转动灵活，如有吊具及钢丝绳等有明显损伤变形应停止使用。

**Applicable to container loading and unloading under a 40t door, with lightweight lifting appliances, no power, simple operation, and low investment.**

**The crane is available in 20 feet and 40 feet, as well as non-standard boxes.**

### **Hanging box operation**

**Firstly, place the four main lifting steel wire ropes and one steering steel wire rope of the lifting appliance inside the gantry crane hook. Before lifting, turn the lock in the open direction. Using the driver's skilled operating skills, place the four rotary locks of the lifting appliance into the corners of the container, and then slowly lift the hook. The middle steering steel wire rope is first tensioned and pulled on the steering mechanism to rotate the rotary lock 90 degrees to the closed state. At the same time, the driver has seen that the rotary lock has turned to the locked state, Continue to lift the hook to lift the container.**

### **Unpacking operation**

**After lifting the container to the predetermined position, continue to lower the hook by 1-2M, and then lift the hook again. Before the main lifting wire rope is under force, pull the steering wire rope to return the rotary lock to the open position. Continue to lift the hook to separate the lifting appliance and container, completing one operation.**

### **maintenance**

**The connecting rod and steering mechanism of the lifting appliance should be frequently opened for inspection, and lubricating oil should be added to make each part rotate flexibly. If there is obvious damage or deformation to the lifting appliance and steel wire rope, it should be stopped from use.**