

10T Swing Thru 22,000 lb. lifting capacity double sided container handler, mounted on a Straight Truck

- Mounting the 10T Swing Thru onto a straight truck is very popular. This configuration gives you excellent maneuverability for hard to get to places. Combined with the double side loading advantage of the Swing Thru, and you have the very best mobile container handler in the industry.
- Mounting the crane sets on the straight truck will require the frame of the truck to be reinforced. You will also have to attach mounting plates to the frame for securing the Swing Thru crane sets. ISO container Twist Locks will also need to be added to the frame to support and attach a 20' container. The hydraulic boom controls will also have to be installed at both rear corners. Hydraulic hoses will have to be made and installed. A decision on how you are going to supply the needed hydraulics to operate the Swing Thru will need to be made before selecting a truck. The frame length and rear axle placement is critical to weight per axle, in order to scale a legal load.
- Container Handling Solutions will provide drawings and specifications needed by the fabrication installer to design the structural components that will be needed to mount the Swing Thru, and install the hydraulics.
- **10T Swing Thru Fixed Crane System** with 22,000 lb. lift capacity hydraulic operated booms
- 3/8" Grade 100 lifting chains with shorting elements and Swing Thru container lifting lugs
- Hydraulic stabilizing legs mounted on sliding outriggers at all 4 corners
- **STD:** manually operated hydraulic boom controls are mounted at both rear corners of the trailer for better visibility
- Hydraulic cylinders have pilot operated check valves, or counter balance valves to ensure smooth operation and safety against hose failure or cylinder creep.
- With a **53.5"** truck frame mounting height for the Swing Thru, the transport height with the booms in the parked position is 13'6" (Parked position means the head of boom is flush with side of container)
- With a **48"** truck frame ISO Twist locks mounting height, the transport height with a 20' high cube is 13'6"
- Overall weight is 6,600 lbs (just the 10T Swing Thru cranes only)
- **STD:** Swing Thru paint is white

In order to operate the Swing Thru you will need to pick one of the three optional hydraulic systems

- **Optional: “PTO”** requirement for operation of the Swing Thru is a truck mounted PTO hydraulic system. The system must meet all of Swing Thru’s requirements. A double pump with each section delivering at the same time the following requirements: 98ft/lbs of torque, a min and max of 5.8-6.0 gpm of oil at 3,800psi, oil tank reservoir of 25 to 30 gals with a 10 micron filter on the return line
- **Optional: “Gas” powered “APU”** self contained hydraulic system with double hydraulic pumps, oil reservoir and filter. With a 24HP Honda 4 cycle air cooled Gas engine with 12 volt electric start
- **Optional: “Diesel” powered “APU”** self contained hydraulic system with double hydraulic pumps, oil reservoir and filter. With a liquid cooled Diesel engine with 12 volt electric start.
- **Optional:** 18”x18”x1” engineered plastic stabilizer leg pads for soft ground
- **Optional:** Wireless remote controlled booms or extension cord remote controls
- **Optional:** Stabilizer leg minimum pressure system, lights up when legs are properly deployed. Load Security system at 90% of rated lift, amber lights will illuminate. At 100% partial system cut out will activate with audible alarm and red light. When overload is detected the operator can rest the machine by retracting the boom load.
- **Optional:** Special order paint