

**10T Swing Thru 22,000 lb. lifting capacity double sided container handler, mounted on an Express Welding 41,000 lb. GVWR Fixed length Trailer for loading a 20' and longer containers (Customer to determine container length)**

- **Express Welding Trailer** manufactured in Escanaba, MI
- **Overall trailer length can not exceed 53' with out an over-length permit. Depending on the length of the container the trailer may be over 53'**
- Designed for a 48" 5<sup>th</sup> wheel height
- Drop in 5<sup>th</sup> wheel Kingpin can be located from 60" to 84"
- (2) Speed landing gear set
- 255/70R22.5 Radial tires on 10 bolt hubs, piloted steel wheels
- 25,000 lb. axles, with air ride suspension
- The number of axles and the spacing of the axles is **optional**
- Air suspension dump valve at the rear of the trailer, for loading and unloading containers
- Twist Lock style container securements
- (4) Twist Lock extensions for containers without a gooseneck tunnel
- Rear bumper has brake & turn LED signals, strobe LED's, 3-center LED ID lights
- Side marker LED's, license plate lamp, and floodlights on rear corners
- Mid-span marker LED's
- Side marker LED's on end of front twist lock support arm
- Right side has large wire basket, left side a small wire basket with locking toolbox
- Fenders are **optional**
- **STD:** trailer paint is black and other colors are **optional**
  
- **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 48" fifth wheel height, the cranes mounting height is 53.5" off the ground
- With a 48" fifth wheel height and the booms in the parked position, the transport height is 13'6" (Parked position means the head of boom is flush with side of container)
- With a 48" fifth wheel height a 40' high cube with the container tunnel straddling the trailers goose neck transport height is 13'6" (Doors to rear)
- **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. Depending on the length of the trailer and what type of hydraulic system you choose to use, the APU may have to be installed below the height of the trailer frame.**

- **Optional: “PTO”** requirement for operation of the Swing Thru is a semi tractor 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