

27T Swing Thru 60,000 lb. lifting capacity double sided container handler, mounted on an Express Welding 96,000 Lb. GVWR Fixed length Trailer for loading 20' and longer containers (Customer to determine container length)

Express Welding Trailer manufactured in Escanaba, MI

- **Overall trailer legal length can not exceed 53' without an over-length permit. Depending on the length of the container, the trailer may be over 53'**
- Designed for a 48" 5th wheel height
- **STD:** 84" 5th wheel swing clearance and longer is **optional**
- (2) Speed landing gear set
- 275/70R22.5 Radial tires on 10 bolt piloted steel wheels
- 25,000 lb. axles with air ride suspension
- The number of axles and spacing of 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 gooseneck tunnels
- 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 storage basket
- Left side storage area with a locking toolbox
- Fenders are **optional**
- **STD:** trailer paint is black and other colors are **optional**

- **27T Swing Thru Fixed Crane System** with 60,000 lb. lifting capacity hydraulic operated booms
- 5/8" Grade 80 lifting chains with shorting elements and ISO container lifting lugs
- Manually controlled hydraulic stabilizing legs are located at all four corners of crane sets, (2) slam down stabilizing legs and (2) over-the-deck stabilizing legs. Over-the-deck legs allows another chassis to be backed under the legs for loading
- **Safety:** Stabilizer leg minimum pressure system lights up when legs are properly deployed
- **Safety:** 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.
- **Safety:** Hydraulic cylinders have pilot operated check valves, or counter balance valves to ensure smooth operation and safety against hose failure or cylinder creep
- **STD:** manually operated hydraulic boom controls are mounted at both rear corners of the trailer for better visibility
- With a 48" 5th wheel height the Swing Thru transport height is 13'6"
- Transport height with a STD container on a 48" 5th wheel height and booms in parked position is 13'6"(Parked position means head of boom off to the side, but no wider then 102")
- Transport height with a 40' high cube (with the container tunnel straddling the gooseneck) is 13'6" with a 48" 5th wheel height

In order to operate the Swing Thru, you will need to pick one of the two 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. The trucks PTO gear box must be able to supply 55 to 60 HP. A double pump with each section delivering at the same time the following requirements: 98 ft/lbs of torque at 3600 PSI with (9.68 GPM each section) of oil at 3,600 PSI, oil tank reservoir of 53 gallons with a 10 micron filter on the return line. The tank return filter must be must be able to pass a minimum of 35 GPM from a cold start.
- **Optional: “Diesel” powered “APU”** self contained hydraulic system with double hydraulic pumps, oil reservoir and filter. A liquid cooled diesel engine with 12 volt electric starter
- **Optional:** 24”x24”x1.5” engineered plastic stabilizer leg pads for soft ground
- **Optional:** Wireless remote controlled booms or extension cord remote controls
- **Optional:** Special order paint