

**10T Swing Thru 22,000 lb. lifting capacity double sided container handler, mounted on an Express Welding 41,000 lb. GVWR Trombone Trailer for loading 20'- 40' containers**

- **Express Welding Trailer** manufactured in Escanaba, MI
- Twin Beam telescoping frame (20' to 40' variable container lengths possible)
- Designed for a 48" 5<sup>th</sup> wheel height
- Overall trailer length with a 20' container is approx. 28', with a 40' it is approx. 48'
- Gooseneck mounted air controls for lengthening and shortening of trailer
- Drop in 5th wheel Kingpin with (2) locations 60" & 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 heavy containers
- Twist Lock style container securements (rear telescopes up & down)
- (2) Twist Lock extensions for front on 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
- E-Chain inside of the sliding tubes with hoses and electrical wiring
- 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 mounted cranes** 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 gooseneck transport height is 13'6" (Doors to rear)
- Overall weight is 19,500 lbs (Trailer, 10T Swing Thru and gas powered APU)
- **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 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
- **Optional:** In-cab mounted air controls for lengthening and shortening of trailer