

35T Swing Thru 77,000 lb lifting capacity double sided container handler mounted on an Express Welding 115,000 Lb GVWR Trombone Trailer for loading 40-45'-48' containers

Express Welding Trombone Trailer manufactured in Escanaba, MI.

- Twin beam telescoping frame (40'-45'-48' variable container lengths possible)
- **Overall trailer legal length can not exceed 53' without an over-length permit. Depending on the length of the container, the trailer may exceed 53'**
- **5th wheel height and tire size will determine crane clearance and transport height**
- Gooseneck mounted air controlled chambers for lengthening and shortening of trailer
- **STD:** 84" 5th wheel swing clearance and longer is **optional**
- (2) Speed landing gear set
- 275/70R22.5 Radial tires on 10 bolt hubs piloted steel wheels
- 25,000-pound capacity axle air ride suspension
- The number of axles and spacing of axles is **optional**
- Air suspension dump valve at rear of 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 LEDs, 3-center LED ID lights, side marker LEDs, license plate lamp, and floodlights on rear corners
- Mid-span marker LEDs
- Side marker LEDs on end of front twist lock support arm
- E-chain inside of the sliding tubes with hoses and electrical wiring
- Right hand side storage basket
- Left hand side storage area plus a locking toolbox
- Fenders are **optional**
- **STD:** trailer color is black and other colors are **optional**

- **35T Swing Thru Fixed mounted cranes** with 77,000 lbs lift capacity hydraulic operated booms
- 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:** manual hydraulic boom controls are mounted at both rear corners of the trailer
- **5th wheel height will determine the Swing Thru and container transport 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 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
- **Optional:** In-cab mounted air controls for lengthening and shortening of trailer