

# GUIDELINES FOR THE UNLOADING, MOVING, AND PLACEMENT OF AN 816 TRANSMITTER

## LIST OF TOOLS AND EQUIPMENT NEEDED

***This unit weighs approximately 2,000 pounds. A minimum of 4 people are required to move the transmitter.***

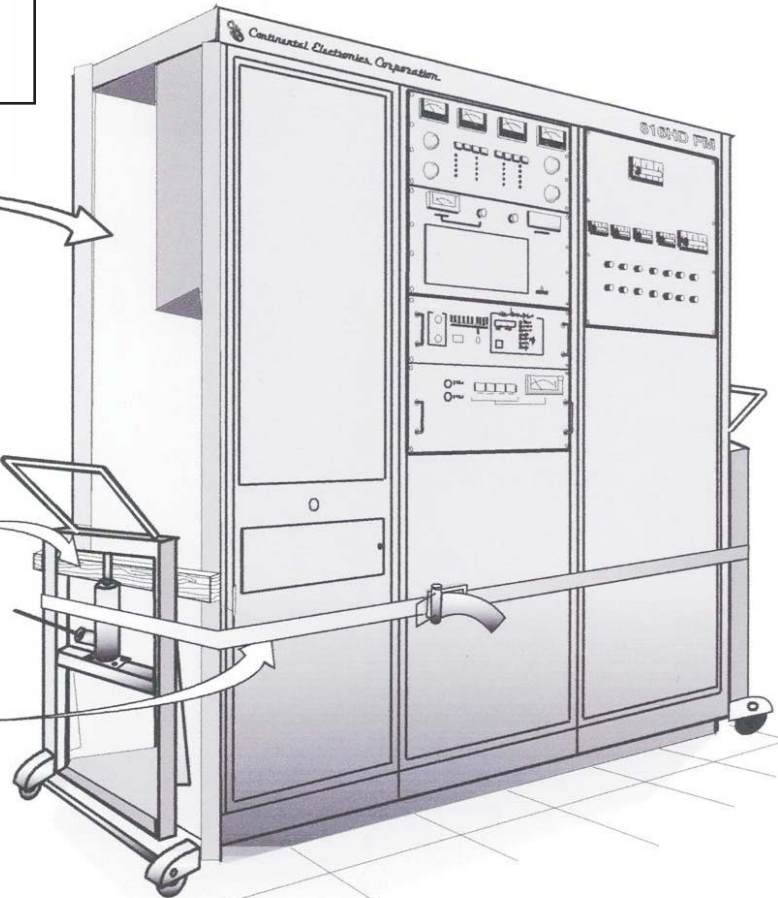
Pallet Jack

- 2 roll lifts
- 2 ea 2"x4"s each 6" long
- 2 ea 2"x4"s each 30" long
- Banding Cutters
- 2 ea 4'x8' plywood, 3/4" thick
- 3 steel plates capable of supporting 2,000 pounds
- 9/16" Ratchet & Socket (for removing side panels)
- Ratchet Webbing Tie Down. Length required to encircle the transmitter and secure the roll lifts on each end.

**END PANEL**  
(one each end,  
remove before  
adding roll lifts)

30" 2"x4"

**RATCHET STRAP**  
(to tie 2 roll lifts  
to transmitter)



First, the movers must determine if the transmitter can be moved from the truck across the lift gate and in to the building on the pallet. This is difficult and dangerous! Most sites do not have docks, and the transmitter must be moved to the lift gate. Most lift gates also tilt down at the rear, which might allow the pallet jack and transmitter to roll off. The plywood and steel plates will be needed to bridge the gaps, expansion joints, and thresholds. If possible, the transmitter should remain on the pallet until it is in the building and set in its final resting location.

4 people are required to safely remove the transmitter from the pallet. First: remove the banding and plastic. Next: using the 9/16" ratchet, remove the two end panels. Next: 3 people should line up in front of the transmitter, the 4th person will take the two 6" 2x4's and go to one end. Then the three people in front will tilt the unit back by pushing on the top of the transmitter. **THIS CANNOT BE DONE WITH TWO PEOPLE. THE TRANSMITTER IS TOO HEAVY!** When the transmitter is tilted enough a 2x4 should be placed below the transmitter, on each end, midway from front to back. Slowly lower the transmitter. It will be free of the pallet enough to allow the roll lifts to be placed.

**CAUTION:** The end panels have to be removed before the roll lifts are placed, otherwise damage to the end panels will occur.

Place a 30" 2x4 in front of each roll lift for support. Strap the roll lifts to the transmitter and jack it up off of the pallet. Remove the pallet. Reverse the process when the transmitter has reached it's destination.

There **MUST** be a clear path from the off-loading location to where the transmitter's will be placed **PRIOR** to the arrival of the movers, and the location should be marked with masking tape, at least at one corner.