



# TOWER ASSEMBLY INSTRUCTIONS FOR SELF-PROPELLED DRUM DEHEADERS

## STEP 1

- A. Lay four flat base braces (A) on floor and arrange in square fashion as shown in Fig.1.

*Note: Tower can be assembled without the base brace opposite the cord support arm; this allows the tower to be moved to the drum.*

- B. Attach vertical pipe legs (B) to base braces using 1/2" long cap screws. Cap screws thread into tapped holes in base braces. Finger tighten screws at this time.
- C. Attach supporting ring to vertical pipe legs at three locations (C) using 1" long cap screws and aviation nuts. Be sure heads of screws are inside the ring. Finger tighten screws at this time.
- D. Attach fourth leg and cord support arm (D) using 1 1/4" long cap screws. Be sure heads of the screws are inside the ring.

Now tighten all bolts.

## STEP 2

- E. Assemble sheave (Fig.2) to hanger using 3/8" cap screw, washer and nut (E). Be sure washer is between sheave and hanger as show in Fig. 2.
- F. Put 5/16" x 1" long cap screw (F) in center hole of strap. Use a 5/16" nut and thread onto cap screw and tighten. Use second 5/16" nut and thread on cap screw in loose position.
- G. Put "S" hook through hanger (G).

## STEP 3

- H. Place sheave assembly (Fig.2) on top of ring (H) and run it around by hand to be sure it travels freely all the way around. Hang chain on assembly.

## STEP 4

- I. Place drum to be opened in the approximate center of the support tower.
- J. Place Wizard deheader in cutting position on top of drum. Place shackle and snap ring (J) into hole in handle of deheader. Adjust chain (J) length for a small amount of slack so deheader can travel freely around drum.
- K. Attach the power cord (electric or air) to the deheader. Cord support arm comes factory assembled with 110V electric grounding plug and connector or 1/4" NPT male air fitting and quick disconnect air coupling. Unit is now ready for operation.
- L. Swivel connectors provide operator efficiency and safety by preventing power line tangling. Electric (Fig.3) grounding receptable furnished on 110V, single phase deheaders. Air (Fig.4) quick disconnect coupling furnished on air powered deheaders.

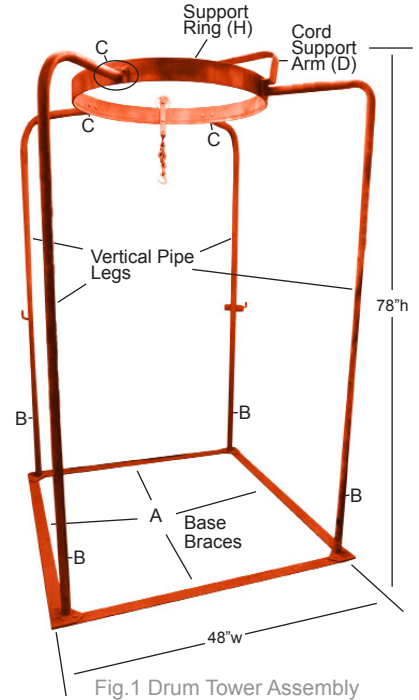


Fig.1 Drum Tower Assembly

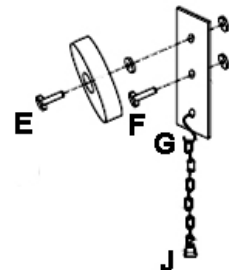
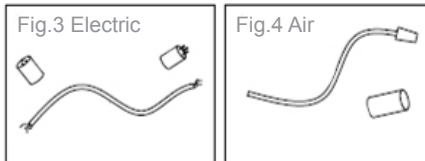


Fig.2 Sheave & Hanger Assembly



### Hardware Included:

Qty	Description	Electric Units Qty	Description	Components Qty	Description
17	5/16 - 18 x 1/2" Capscrew	1	Pyle Seal Grip Connector	1	Ring
6	5/16 - 18 x 1" Capscrew	1	Lock Conduit Nut	4	Legs
2	5/16 - 18 x 1 1/4" Capscrew	1	Male Hubbell Plug 5266C	4	Braces
9	5/16 - 18 Aviation Nut	1	Female Hubbell Plug 5269C	1	Cord Support Arm
1	"S" Hook	1	4 ft. 300v Wire		
1	Chain - 25 links 2'	1	1/2" Hole Grommet		
1	Jiffy clip				
1	10 - 24 x 3/4" Capscrew				
1	10 - 24 Nut				
1	Sheave				
1	5/16 Flat Washer	1	6' Aeroquip Hose		
1	3/8 - 16 x 1 1/4" Capscrew	1	Quick Disconnect Coupling		
1	3/8 - 16 Aviation Nut	1	7/8" Hole Grommet		
1	Snap				
1	Shackle				

