

# Model 580 Assembly

Your 580 mixer will require some assembly prior to use. Before assembly check the items of this carton to make sure you received all the parts required for assembly. If you are missing items please contact customer service at 217-324-5973 for assistance with obtaining replacement parts. Refer to the exploded parts view in your owners' manual for additional detail information.

The following items are contained in this carton:

Main Drum Half	(1)
Cone Drum Half	(1)
Mixing Paddle	(3)
Cylinder Attachment Bar	(2)
Hydraulic Top Link Cylinder	(1)
Hydraulic Hose	(1)
Stand Tube	(2)
PTO Guard	(2)
PTO Shaft	(1)
Pull Pins	(2)
Mounting Hardware	
Bolt –M8 x 16 Hex	(18)
Flat Washer M8	(36)
Bolt M12 x 25	(12)
Flat Washer M12	(9)
Hex Nut M12	(8)
Hex Nut M8	(18)
Hairclip Pin	(4)
Cylinder Pin	(2)
Bushing	(1)
Hex Nut M24	(2)
Washer Springlock M24	(2)
Flat Washer M24	(2)
Nut Whiz Flange Hex M8	(2)
Bolt M8 x 16 Hex	(2)
Bolt M8 x 20 Hex	(2)

1. Remove contents from shipping carton and lay on a clean surface. Turn to pages 21 & 22 in the owner / operator manual to become familiar with the relationship of all the parts shown in the “exploded” view. Checking to make sure all items are present prior to assembly.



2. Install mixing paddles into drum attaching to the bottom of the drum with M14 x 30 hex head bolts and M14 washers (install the 3 other retaining bolts into the bottom of the drum) Attach paddles to side of main drum with M12 x 25 hex head bolts, M12 flat washers and M12 hex nut. Hand tighten only at this time to allow positioning when drum cone is installed



3. With the aid of another person position the drum cone on to the main drum and install the (18) M8 x 16 hex head bolts, M8 flat washers and M8 hex nuts. Secure the upper portion of the mixing paddles to the cone drum using M12 x 25 hex bolts, M12 flat washers and M12 hex nuts. At this point tight all bolts retaining the mixing paddle as well as the large M14 x 30 bolt in the center of the main drum. Then tighten the (18) bolts around the diameter of the drum.



4. Install the pull pins with M24 flat washer to the outside. Retain to the frame with M24 springlock washer and M24 hex nut. Tighten securely.



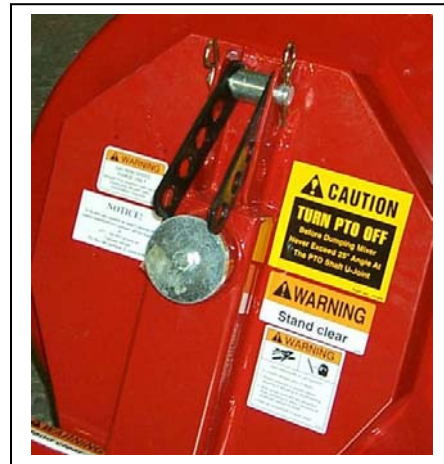
5. Install plugs onto stand tubes. Loosen retaining knobs and slide stand tubes into socket and tighten retaining knobs.



6. Attach two PTO guard supports to mixer frame with M8 x 16 hex head bolts and M8 flat washers. (leave brackets loose at this time to make installation of guard in step 7 easier)



7. Install PTO shield to support brackets with M8 x 20 bolt M8 whiz flange hex nuts. Tighten all bolts
8. Install the cylinder attachment bars to the mixer, positioning them between the ears on the drum, install bushing between them and slide retaining pin through the parts and secure with hairclip pins.



9. Attach hydraulic topleink cylinder and hose assembly to the cylinder attachment bars using cylinder pin and hairclip pins.

