

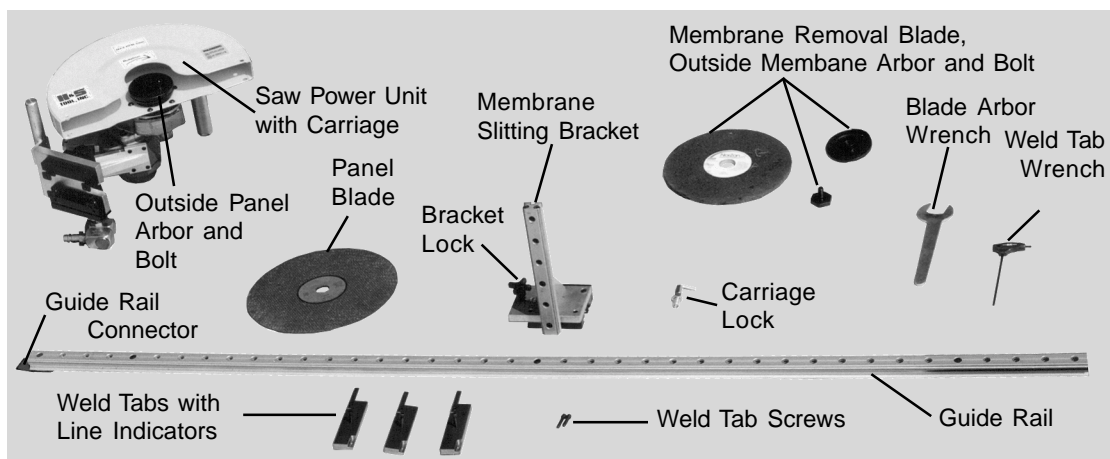


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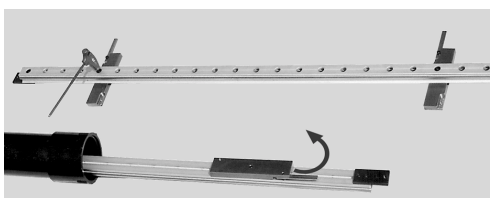
OPERATING and MAINTENANCE RECOMMENDATIONS for MODEL TS 400

READ THOROUGHLY AND UNDERSTAND THIS PUBLICATION BEFORE ATTEMPTING TO OPERATE THE EQUIPMENT.

DANGER! The application of this product requires an exposed rotating cutting blade. It produces **HOT, SPARKS** requiring that **eye, ear, and hand protection and other appropriate protective clothing be worn at all times. Do not wear loose fitting clothing that may become entangled with the rotating objects.**



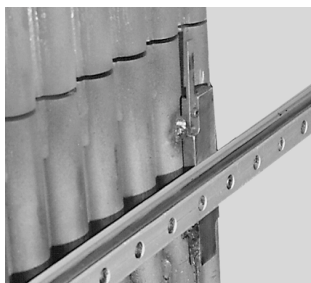
Recommended Setup Procedure



1. Remove guide rails from the shipping tube. Loosen the weld tab screws with the wrench provided and swing them to a position that is 90° to the guide rail. Tighten the tab screws.



2. Establish your cut line and set the weld tab assembly against the panel. The top of the line indicator must be on the cut line. If the weld tabs are not at a place where they can be welded, remove the tab bolts and relocate the tab to a suitable locator hole.



3. Weld the tabs in position and check for cut line accuracy. Do not remove the line indicator unless it needs replacing. Additional guide rail sections can be added for longer cuts.



Slide the male connector into the next guide rail section and bolt them together with the cap screw provided. Weld additional tabs into place.



4. Mount the saw power unit/carriage assembly onto the guide rail. Align the guide shoes with the top and bottom of the guide rails. It should slide easily without being so loose that it will affect the cutting accuracy.

Membrane Splitting Procedure



5. Install the blade onto the inside arbor. Place the outside arbor onto the shaft with the internal tabs aligned with the slots in the shaft. Insert the bolt into the shaft and

tighten finger tight. Push up on the shaft lock and tighten the bolt securely with the blade arbor wrench provided. Note: Two bolts and two outside arbors are provided when a membrane splitting attachment is also ordered. Ensure that the shorter bolt and the outside arbor with no shoulder is used with the thinner panel blade.

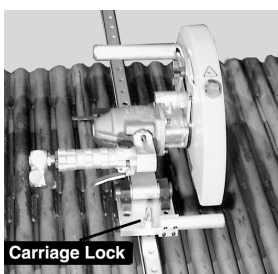


6. Check to ensure that the surrounding area is completely clear. Confirm that the blade is aligned with the cut line. Start the blade disengaged from the panel and slowly push the blade into the panel applying firm, even pressure.

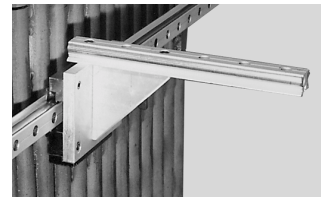


7. Continue cutting until the blade penetrates the wall completely. The TS 400 is a plunge-cut type saw. It is not designed to be pushed along the guide rail in a continuous cutting

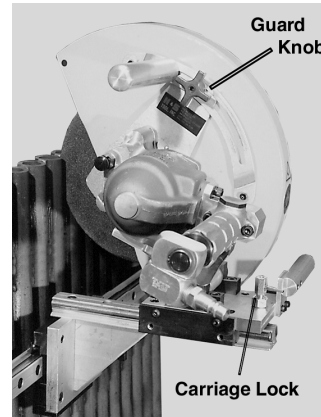
motion. Once the blade has penetrated the opposite side, pull the blade out of the panel. Move the power unit/carriage assembly to the next position. With the blade turning, push the blade back into the panel until it penetrates in that position. Repeat this process until the cut is complete.



8. In vertical applications, the carriage lock must be used to support the weight of the saw.



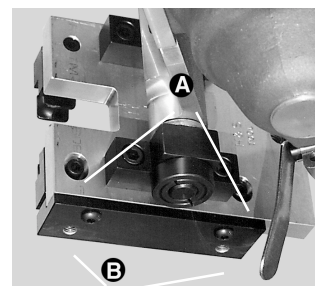
1. The membrane splitting bracket slides onto the guide rail the same way as the panel saw carriage.



2. Change to the 3/8" (9.5 mm) thick membrane removal blade using the outside arbor with the shoulder and the special bolt. The power unit and carriage slide onto the bracket. The bracket moves horizontally on the guide rails to accurately locate the membrane.

Once in position, the bracket should be locked in place with the bracket lock. The carriage slides in and out to adjust the depth of the cut. A carriage lock fits into the guide rail holes to hold the unit in position. The guard may require adjustment depending upon the depth of cut. Loosen the guard knob, reposition and tighten the lock securely. **Caution: NEVER OPERATE THE SAW WITHOUT THE GUARD IN PLACE.** Once in position, assure that the entire area is clear and then start the blade by squeezing the throttle handle. Slowly push forward on the power unit to feed the blade into the membrane until the depth of cut is achieved. Loosen the guide rail lock, slide the bracket to the next membrane and repeat the procedure.

Carriage Guide Adjustment



The carriage should slide easily onto the guide rails without being loose enough to effect cutting accuracy. To adjust the carriage guides, loosen cap screws "A". Turn the set

screws "B" clockwise to tighten or counterclockwise to loosen. Retighten cap screws "A" to lock in place.