



# 50-257 or 50-2000 MOBILE BASE FOR DELTA UNISAW

**IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THIS OR ANY DELTA MACHINERY ACCESSORY, CALL US TOLL FREE AT 800-223-7278.**

## SAFETY INSTRUCTIONS

**WARNING:** To reduce the risk of injury, read the tool instruction manual before using any accessory. Failure to heed these warnings may result in personal injury and serious damage to the tool and the accessory. When servicing this tool, use only identical replacement parts.

**WARNING:** To reduce the risk of injury, turn tool off and disconnect it from power source before installing and removing accessories, before adjusting or when making repairs. An accidental start-up can cause injury.

**WARNING:** The 50-257 or 50-2000 Mobile Base has been reviewed and approved for use only with left tilt DELTA Unisaws built on or after March 2009. The date code is found on your Unisaw in this format (2009 X-39). (The "X" denotes the week of the year it was built.)

## CONTENTS (FIG. 1)

- A. (2) Rubber feet
- B. (2) 1/2-13 Hex nuts
- C. (1) Pedal assembly
- D. (7) 3/8-16 Hex head serrated flange nuts
- E. (3) 3/8-16 x 3" (76.2 mm) Carriage bolt
- F. (4) 3/8-16 x 3/4" (19 mm) Hex head screws
- G. (1) 3" (76.2 mm) Swivel Caster
- H. (1) Pivot bracket
- I. (2) Angle foot bracket
- J. (4) 5/16-18 x 3/4" (19 mm) hex head serrated flange bolt
- K. (2) Wheels
- L. (2) 2" (50.8 mm) Shoulder screws with 3/8" (9.5 mm) shoulder; threads are 5/16-18
- M. (2) Sleeves for shoulder screws
- N. (2) 5/16" Flat washers
- O. (2) 5/16-18 Nylon lock nuts
- P. (2) 1/4-20 x 2-5/16" (58.7 mm) J bolts
- Q. (2) 1/4" Flat washers
- R. (2) 1/4-20 Nylon lock nuts
- S. (2) 1/4-20 Hex nuts
- T. Saw base frame

## INTRODUCTION

This mobile base features welded, heavy-gauge steel supports with a bolt-on foot lever, a single swivel caster, and two sturdy wheels. Rubber feet positioned opposite the fixed wheels assure stable contact when the base is lowered into the stationary position. The convenient foot lever raises and lowers the base for ease in moving and positioning the machine, and allows the machine to be moved aside for cleaning purposes.

## ASSEMBLY

**NOTE:** Do not place Unisaw on the mobile base until the base is fully assembled.

**NOTE:** The saw frame (S) Fig. 1 comes fully assembled. User must attach fixed wheels, angle brackets, rubber feet, swivel caster, foot pedal assembly and J bolt anchors.

### ASSEMBLING FIXED WHEELS IN SAW BASE END

1. Place the sleeve (M) Fig. 2 into hole in fixed wheel (K) and place wheel inside the saw base frame as shown.
2. Slide a 2" (50.8 mm) shoulder screw (L) Fig. 2 through bottom hole (U) at saw base frame end and then through the hole (V) in the wheel (K) and out the bottom hole in the other side of saw base frame bracket.
3. Place a 5/16 flat washer (N) Fig. 2 on the threads of the shoulder screw and tighten a 5/16-18 Nylon lock nut (O) onto the end of the shoulder screw (L). To tighten, hold shoulder screw (L) with a 3/16 hex wrench and tighten Nylon lock nut with 1/2" socket wrench.
4. Repeat these steps for other wheel.

### ASSEMBLING ANGLE BRACKETS AND RUBBER FEET

1. Line up two holes (W) Fig. 3 in angle bracket (I) with two holes (X) in saw frame extension end. Insert two 5/16-18 x 3/4" (19 mm) hex head serrated flange bolts (J) through holes (W) in the bracket and into the tapped holes (X) of the saw frame extension end. Tighten these down with 1/2" socket wrench.
2. Insert rubber foot (A) Fig. 4 up through hole in angle bracket (I) as shown.
3. Attach 1/2-13 jam nut (B) Fig. 4 to post of rubber foot (A) and tighten down with 3/4" wrench.
4. Repeat all steps for other angle bracket and rubber foot.

### ASSEMBLING SWIVEL CASTER TO PEDAL ASSEMBLY

1. Line up four holes (three shown at (Y) Fig. 5) in the caster (G) with four holes (two shown at (Z)) in the foot pedal bracket (AA) on the foot pedal assembly (C).
2. Insert 3/8-16 x 3/4" (19 mm) hex head screw (F) Fig. 5 down through holes in the foot pedal bracket (AA) and then the caster (G).
3. Place 3/8-16 hex head serrated flange nut (D) Fig. 5 on screw (F) underneath and tighten with a 9/16" wrench.

4. Repeat with three more screws (F) and nuts (D) for the remaining three holes in caster (G) and foot pedal bracket (AA).

### ASSEMBLING PEDAL ASSEMBLY TO SAW BASE FRAME

1. Line up holes (BB) Fig. 6 in the pedal assembly (C) with holes (CC) on side of saw base frame (T) opposite the fixed wheels (K) Fig. 1.
2. Line up holes (DD) Fig. 6 in pivot bracket (H) with holes (not shown) on the opposite side of the saw base frame (T) from holes (CC).
3. Insert 3/8-16 x 3" (76.2 mm) carriage bolt (E) Fig. 6 through hole in pivot bracket (H), in saw base frame (T) and in pedal assembly (C).
4. Fasten carriage bolt (E) Fig. 6 with a 3/8-16 hex head serrated flange nut (D) against the inside of the pedal assembly (C), using 9/16 wrench.
5. Repeat for other two carriage bolts (E) Fig. 6 and serrated flange nuts (D).

### PLACING SAW AND EXTENSION TABLE ON MOBILE BASE

**WARNING: RISK OF INJURY FROM LIFTING.** Serious injury can result from attempting to lift too heavy an object. The machine can weigh more than 550 pounds and is too heavy to be lifted by one person. Obtain assistance from others before lifting.

**WARNING: PINCH HAZARD.** Be sure not to place toes or fingers underneath the base of the Unisaw while moving. Lift the saw from underneath the table, before saw is assembled, or from underneath the wings and extension table after assembly.

Carefully lift saw and extension table onto mobile base. Make sure extension legs (EE) Fig. 7 rest on angle brackets (I) as shown.

### ASSEMBLING J BOLTS TO ANGLE BRACKETS

The J bolts are required to join the base to the extension table legs and will keep the table legs resting properly on the base while moving the base.

1. Place 1/4-20 hex nut (S) Fig. 7 on J-bolt (P) and screw it on until it bottoms out on threads.
2. Make sure J bolt (P) Fig. 7 is around leveling screw (GG) on extension leg (EE) as shown in Fig. 7.
3. Insert J bolt (P) Fig. 1 and Fig. 7 through hole (FF) Fig. 3 in angle bracket (I).
4. Adjust hex nut (S) until it touches the angle bracket (I).
5. Place a 1/4" flat washer (Q) Fig. 7 on J bolt (P) and fasten it to angle bracket (I) using a 1/4-20 Nylon lock nut (R). Tighten nut using 7/16" wrench.
6. Repeat for J bolt (P) on the other angle bracket (I).

### OPERATING MOBILE BASE

**NOTE:** Before operating the base, apply grease to the cams (HH) Fig. 8 and where they meet the foot pedal bracket (AA).

When the foot pedal (II) is pushed down as shown in Figure 9, the base is mobile.

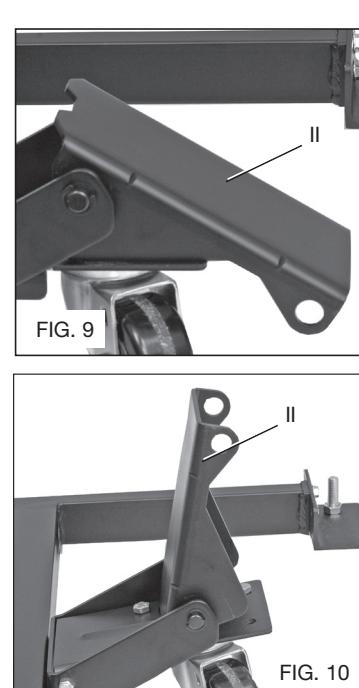
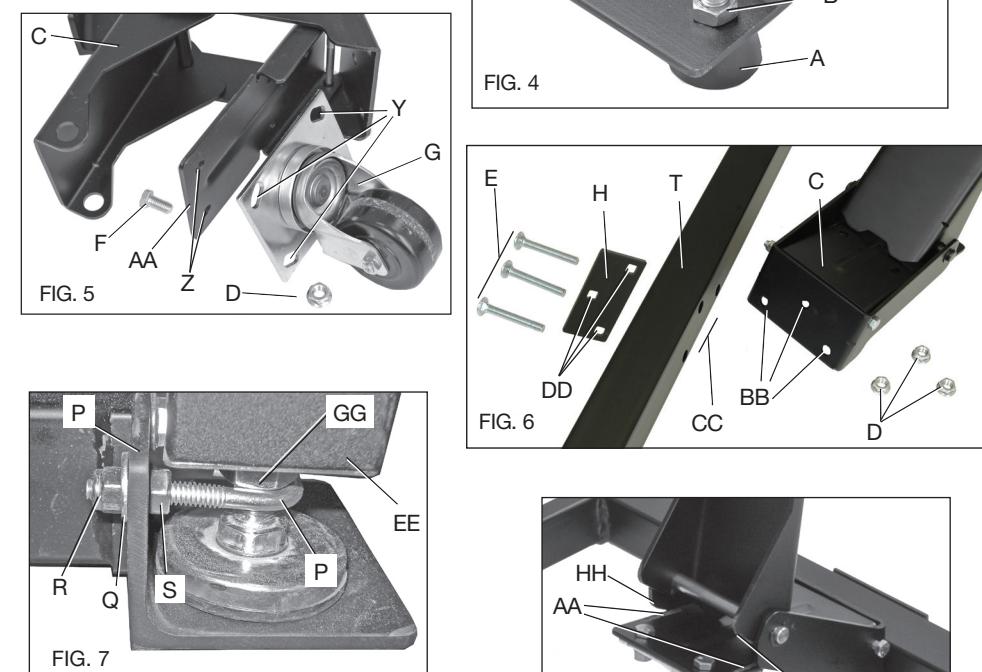
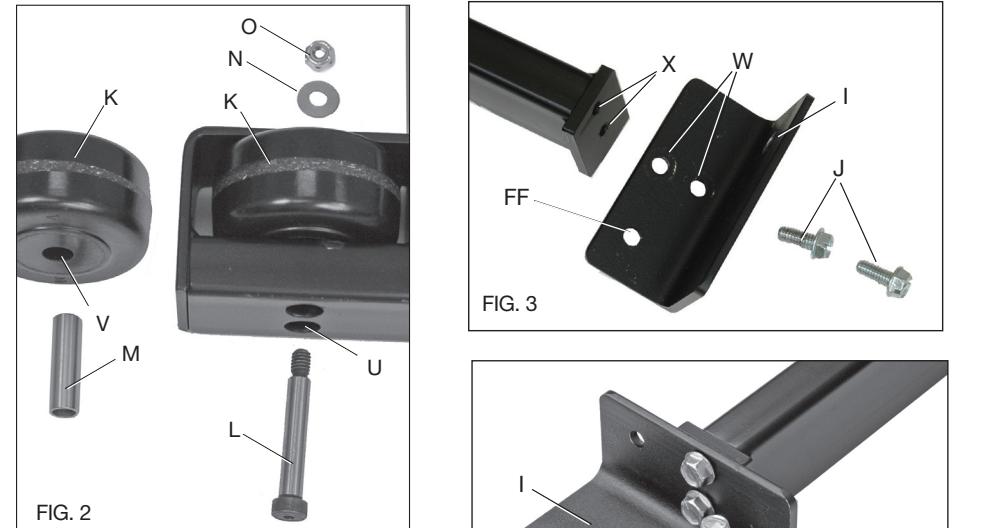
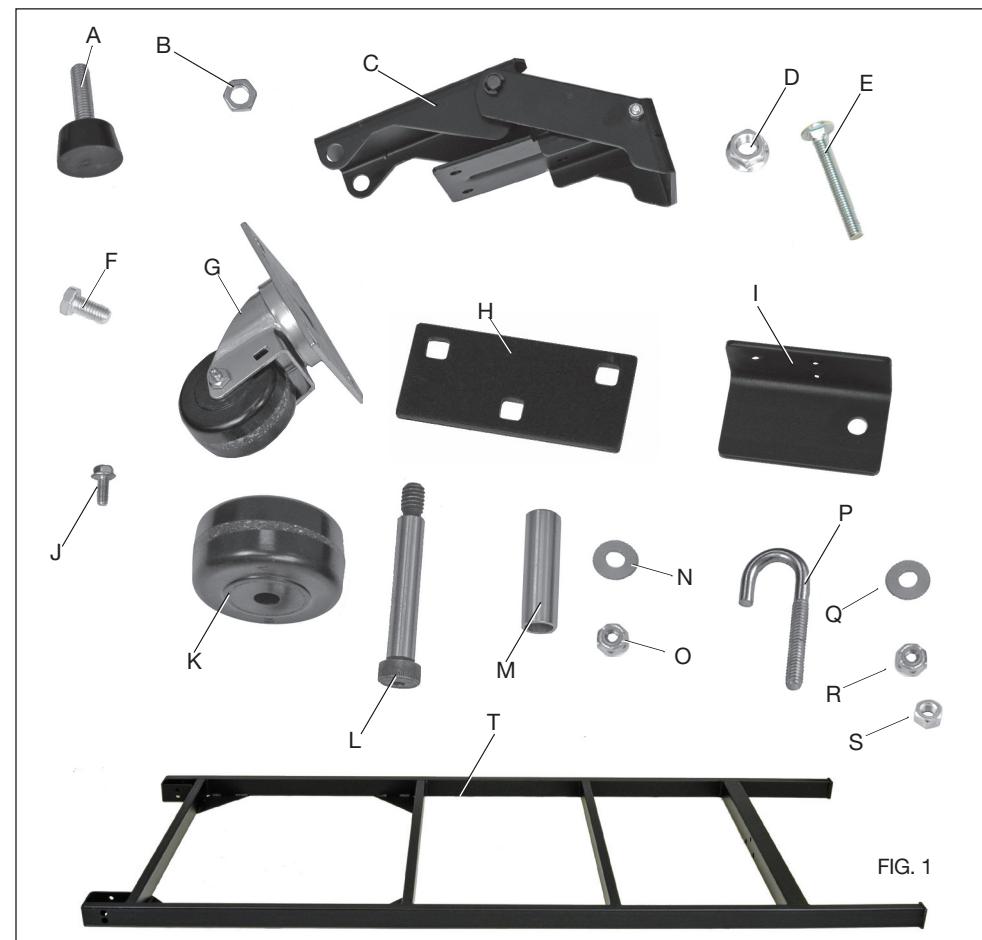
**WARNING: To reduce the risk of injury, do not operate the saw when the base is mobile (when the foot pedal (II) is pushed down as shown in Fig. 9).**

When the foot pedal (II) is raised (as shown in Figure 10), the base is lowered down to the floor so it does not move. If the saw is not level in this position, you can adjust the two extension table legs (EE) Fig. 7 on your Unisaw using the leveling screw (GG).

**WARNING: To reduce the risk of injury, when lifting on foot pedal (II) Fig. 9 to lower the saw down and make it stationary, be careful as the pedal swings back with force. Stay clear of the motion of this pedal.**

**WARNING: To reduce the risk of injury, make sure that your feet are clear of the base before lowering the unit.**

Figure 11 shows a Unisaw correctly attached to the mobile base.





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