Operation

PRE-OPERATION CHECKLIST

Note: Work zone (traffic control) policies and procedures are the sole responsibility of the owner.

1. Position the vehicle parallel to and near the bridge rail at the intended work location.
2. Select the power source:
   A. Operating the unit with the vehicle engine:
      - Make sure that the truck parking brake is set.
      - Start vehicle engine.
      - Turn on unit power switch in cab.
      - Engage the power take off.

   B. Operating the unit with the auxiliary engine:
      - Make sure that the truck parking brake is set.
      - Turn on the unit power switch in cab.
      - Start the auxiliary engine.
3. At turret #1 location, turn on the communication system and adjust the volume.
4. At turret #1 location, place the unit/axle lock selector switch to the "AXLE LOCK" position. Engage the front and rear axle locks.
5. At turret #1 deploy the sliding counterweight in the proper direction to allow unit operation in the desired direction (either passenger or drivers side use). The indicator light illuminates when all locks are engaged and counterweight is completely deployed.
6. Remove the boom / platform tie down device.
7. Place the unit/axle lock selector switch to the "UNIT" position.
8. Close B-2.
9. Close B-3(walkway).
10. Raise B-1, 12" inches above the boom rests. CAUTION: DO NOT RAISE THE BOOM #1 TOO HIGH AS TO DAMAGE THE T-1 TO T-2 LEVELING ARM LINKAGE RODS.
11. Lower the platform rests to the deck.
12. Lower B-4 (if installed).
13. Un-stow the basket by placing the leveling switch in the manual mode and holding the stow/un-stow toggle in the un-stow position. Leveling control switch can now be placed into the automatic position
14. Place the unit/axle lock selector switch to the "AXLE LOCK" position.
15. PERFORM THE HOLDING VALVE TEST AS FOLLOWS:

- Operate B-1 control valve handle to the "DOWN" position for five seconds.
- Operate B-2 control valve handle to the "DOWN" position for five seconds.
- Operate B-3(walkway) control valve handle to the "OPEN" position for five seconds.
- Operate B-4 (if installed) control valve handle to the "DOWN" position for five seconds.

WARNING:
IF ANY BOOM MOVEMENT WAS NOTED DURING THE HOLDING VALVE TEST, THE UNIT MUST NOT BE USED UNTIL THE PROBLEM IS CORRECTED

16. Start the auxiliary engine (preheat this engine prior to starting).
17. Test the engine shutdown system; an engine shutdown switch is located at each operator's panel. To restart the truck engine or auxiliary engine, the shutdown switch must be operated a second time.
18. Turn off the key switch for the auxiliary engine.

WARNING:
THE ENGINE SHUTDOWN SYSTEM MUST BE TESTED BEFORE DEPLOYING THE BOOMS. IF THE ENGINE SHUTDOWN SYSTEM IS DEFECTIVE, THE PROBLEM MUST BE CORRECTED BEFORE THE UNIT IS OPERATED.