

## **OPERATING INSTRUCTIONS**

### Controls and Instruments (From operator's seat)

1. Right and Left travel levers (Located in front of operator)
2. Right operating lever and Left operating lever (Located in front of operator)
3. Monitor panel (Located in front of operator's seat) includes lights, hour meter, and engine start switch.
4. Engine throttle lever (Located left side of monitor panel)
5. Blade lever (Located right side of monitor panel)
6. Boom swing pedal (Located on right side of floor board)
7. High speed travel and auxiliary hydraulic pedal (Located on left side of floor board)

### STARTING ENGINE

Move the engine throttle lever to medium position.

Turn switch to start position.

Move the engine throttle lever to low position, allowing the engine to warm.

### CONTROL OPERATIONS

Right operating lever: Boom (raise, lower), and bucket (dig, dump)

Left operating lever: Arm (in, out), and swing (left, right)

Boom Swing Pedal: Push right to swing right and left to swing left.

Blade: Push forward to lower and pull back to raise.

### MACHINE TRAVEL

Move engine throttle lever to the operating range.

Raise the boom and the blade enough to provide sufficient ground clearance.

Move both levers forward to travel forward and backward to go in reverse.

Pivot Left turn: Move the right lever forward to turn left.

Pivot right turn: Move the left lever forward to turn right.

### TROUBLESHOOTING

Problem:

Operating lever feels hard or does not return automatically.

Cause:

Control valve damaged.

Problem:

All operations fail or are forced, and speed decreases.

Cause:

Low hydraulic oil.

Control valve damaged.

Problem:

Digging force defective.

Cause:

Low hydraulic oil.

Internal leakage of hydraulic cylinder.