DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR'S MANUAL

SAW, BAND, METAL CUTTING, FLOOR

MOUNTING, 16 INCH THROAT DEPTH, SAW

BLADE OR FILE BAND, 24 X 24 TABLE

ANGLE ADJUSTING, 208-VOLT, 60-CYCLE

3-PHASE (DO ALL COMPANY MODEL 1612-OM)

(3419-294-9591)

This copy is a reprint which includes current pages from Changes 1 and 2.

HEADQUARTERS, DEPARTMENT OF THE ARMY
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TAGO 6262B

Section I. BAND SAW

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Section II. BUTT WELDER

CHAPTER 1

INSTALLATION

LOCATION

The type of work to be done will determine machine location. The machine should be located so work can be fed and removed easily. Refer to the accompanying dimension drawings (fig. 1 & 2) for the overall machine dimensions and required clearances. Be sure to allow sufficient clearance for opening doors or removing panels for maintenance, lubrication, repair, etc.

UNCRATING

Carefully remove all protective coverings, crating, etc. A rust preventive coating has been applied to all exposed bare metal surfaces. Remove this coating with solvent. Inspect the machine for broken or damaged parts.

LIFTING INSTRUCTIONS

A 3/4-in. N C tapped hole is provided in the upper surface of the machine head. Use a forged 3/410 N C eye-bolt screwed into this hole for lifting the machine. Net weight of the complete machine is approximately 1,050 lb; for the machine on skids it is 1,100 lb.

ELECTRICAL INSTALLATION

Bring the leads of the line circuit to the electrical enclosure on the machine column. Refer to the wiring diagram furnished with the machine. Jog the start button intermittently, shift the machine into low gear, and open the door over the lower saw wheel. Check to see if the wheel is turning clockwise. If it is turning counterclockwise, reverse any two of the connections.

Overload protection is provided on some models by a magnetic switch. Under ordinary conditions this will be ample protection. If the machine is started and stopped a number of times in rapid succession, the overload will kick out. Let the relay cool for a few minutes before starting the machine again.

Provisions for connecting the line circuit of each purchaser are made at the factory. A transformer within the machine supplies the current for the lights.

PREPARATION FOR USE

(1) Check the transmission oil level and fill if necessary. See Lubrication, Chapter 4.

(2) Fill the coolant tank (drip type or mist type, if used) with the coolant recommended in Chapter 3, Operation.

(3) Check to see if all other points listed in the Lubrication Chart, Chapter 4, have been serviced.

(4) Unfasten all shipping clamps such as the one on the power feed weight.