

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR'S MANUAL

LATHE BRAKE DRUM, FLOOR MOUNTED, 60-INCH
RATED SWING, 9-TO-25-INCH DRUM DIAMETER,
10-INCH MAXIMUM CUTTING DEPTH,
STATIONARY CUTTING TOOL TYPE, WITH GRINDING, PROVISIONS,
1-HORSEPOWER DRIVE MOTOR, AC, 115-VOLT, 60-CYCLE,
SINGLE PHASE, 1/2-HORSEPOWER GRINDING MOTOR,
AC, 115-VOLT, 60-CYCLE, SINGLE PHASE
(AMMCO TOOLS, INC MODEL 7700-7) (4910-516-6192)

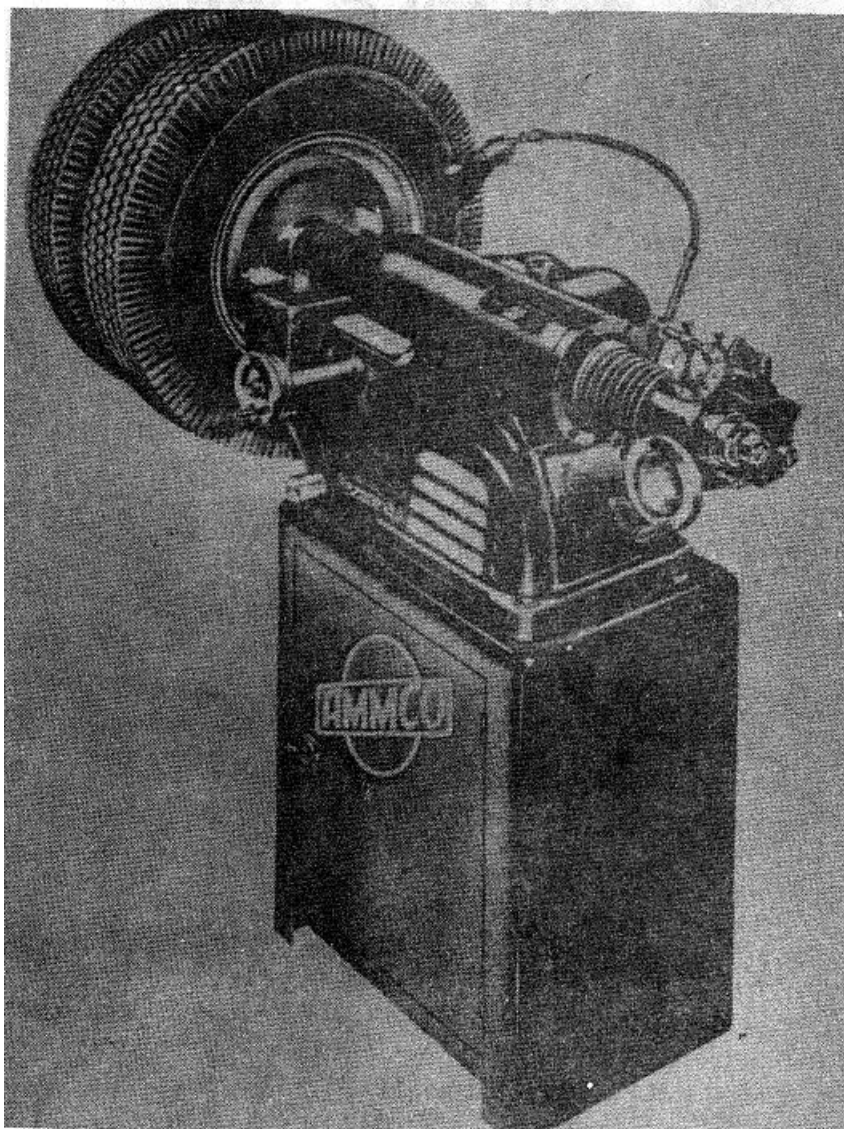
HEADQUARTERS, DEPARTMENT OF THE ARMY

JUNE 1965

Operating Instructions

AMMCO MODEL 7700

SAFE-TURN BRAKE DRUM LATHE



AGO 9140A

FEDERAL SPECIFICATION 00-L-90a

FSN 4910-516-6192

OPERATING LIMITS

AMMCO MODEL 7700-7 SAFE-TURN

10" BRAKE DRUM LATHE

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

1. Capacity, Dual Wheel Max. Wt. 1300 Lbs. (With Outboard Support)
2. Capacity, Dual Wheel Over-all Max. Width. (With Outboard Support)
3. Drum Cutting Capacity Range, Diameters, 6" to 28".
4. Drum Cutting Depth, 10 Inches.
5. Speeds, Number of Changes-3.
6. Speeds, Cutting, Range, R.P.M. -30 - 60 -100.
7. Swing, Inches (Min.) - 60.
8. Feed, Inches Per Revolution, Range -.002 -.020.
9. Number of Feeds, Infinitely Variable Between .002 -.020.
10. Motor, 1 H.P., Single Phase, 115 V., 60 Cy., A.C.

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BE SURE TO REFER TO SERIAL NUMBER WHEN CORRESPONDING

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**AMMCO MODEL 7700
SAFE-TURN
BRAKE DRUM LATHE**

The AMMCO SAFE-TURN Brake Drum Lathe was designed to eliminate the complicated set-up and operation necessary with older style Drum Lathes. With very little practice an inexperienced operator can turn drums to factory tolerances and finishes or better.

READ AND THOROUGHLY FAMILIARIZE YOURSELF WITH THESE INSTRUCTIONS. THE MORE YOU KNOW ABOUT YOUR SAFE-TURN, THE MORE PROFITABLE IT WILL BE TO YOU.

RECEIVING

Inspect the shipment carefully before unpacking. If there is any apparent damage, notify the transportation company as well as AMMCO. We can assume no responsibility for damage occurring in transit, but will cooperate 100% in assisting you to file claims for recovery of damages.

SET-UP

The No. 3131 Cabinet should be secured to the floor with 3/8" or 7/16" bolts or with lag screws. Be sure that the Cabinet is as level as possible. Put the Handle on the Cabinet's door.

ADJUST THE V-BELT TENSION AS DESCRIBED AT THE TOP OF PAGE 15. TOO LOOSE A BELT CAN CAUSE SLIPPAGE WHEN TAKING A HEAVY CUT. TOO TIGHT A BELT CAN CAUSE VIBRATION AND POSSIBLE SUB-STANDARD FINISH.

Before turning on or otherwise operating your SAFE-TURN, be sure it is lubricated as follows. Keep your SAFE-TURN as clean as possible. It will pay dividends in trouble-free operation, accuracy, safety, and long Lathe life.

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