DEPARTMENT
OF THE ARMY TECHNICAL MANUAL

OPERATOR, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL INCLUDING REPAIR PARTS LIST

FOR

SAW, BAND, METAL CUTTING, 14-IN
(ROCKWELL INTERNATIONAL)
(3405-00-409-0063)

HEADQUARTERS,
DEPARTMENT OF THE ARMY

APRIL 1978

This manual is published for the purpose of identifying an authorized commercial manual for the use of the personnel to whom the saw is issued.

Manufactured by: Rockwell International
131 Park Street N.E.
Vienna, VA 22180

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Technical Manual

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HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC 21 April 1978

Operator, Organizational, Direct Support and General Support Maintenance Manual Including Repair Parts List

for

SAW, BAND, METAL CUTTING, MODEL 28-300 W/49-963, 14-INCH
(NSN 3405-00-409-0063)

REPORTING OF ERRORS

You can help improve this manual by calling attention to errors and by recommending improvements and by stating your reasons for the recommendations. Your letter or DA Form 2028-2 (Recommended Changes to Publications and Blank Forms) should be mailed direct to Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS, Rock Island, IL 61299. A reply will be furnished direct to you. For your convenience, preaddressed DA Form 2028-2's are included as final pages of this manual.

A. Modernly Constructed Wheels -Light weight magnesium wheels are precision balanced with rims fully machined concentric with the shaft hole, for smooth running. Recess in rim eliminates use of cement.

B. Safe, Accurate Upper Blade Guides. Upper guide has separate, safe, remote control micrometer adjustments for ball bearing blade support and blade guide blocks. Guides and blade supports adjust independently.

C. Up-Front, Precision Lower Blade Guides

--Lower blade guides have safe, accurate, remote control micrometer adjustment. Lower guides support blade to within ¾" of table work surface-assure-accurate cutting.

D. Special Table Stop. Adjustable sleeve provides positive stop for table at level position. Can be removed for a 10" left tilt. Table tilts 45" to right.

E. Superior Table Features-Slide take-out slot for blade permits use of solid front trunnion (not split for blade removal) located directly under work load. Rip fence guide rails need not be removed when changing blades.

F. Exact Tension Blade Scale-Direct reading scale on blade tension adjustment shows correct tension for different blade widths. Scale readings are not affected by variable blade lengths.

G. Locked-In Table Insert Cannot Rotate because there is a slot in the insert which meshes with a pin in the table. Therefore, the insert won't get chewed up by the blade and the operator need not endanger his fingers to turn the insert to the correct position.

Double-Sealed, Lubricated-For-Life Ball Bearings for upper and lower wheels and blade supports and all shafts of back gear unit insure many years of trouble free performance.

Upper and Lower Wheels completely guarded except portion actually cutting material.

Rugged 14X14" Table has a ⅜ X ¾ miter gage groove. Machined for rip fence. Widely spaced double trunnions and heavy ribbing provide rigid support for work.

Each guide

Adjusts independently of the other, also adjusts with micrometer accuracy. Guide pins can be set to blade teeth without disturbing the setting of the blade supports blade supports can be set without altering adjustment of guide pins. Ball bearing blade supports are reversible and double-sealed.

Magnesium Wheels are carefully balanced for true running, also rimmed for proper mounting of tire.