

**TECHNICAL MANUAL**  
**OPERATOR'S, ORGANIZATIONAL, DIRECT**  
**SUPPORT, AND GENERAL SUPPORT MAINTENANCE**  
**MANUAL INCLUDING REPAIR PARTS LIST**  
**FOR**  
**SHAPER, METAL CUTTING**  
**HORIZONTAL**  
**NSN 3418-00-808-0475**  
**(ROCKFORD MACHINE TOOL CO.)**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**JULY 1981**

Technical Manual }  
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HEADQUARTERS  
DEPARTMENT OF THE ARMY  
Washington, DC, 17 July 1981

**OPERATOR, ORGANIZATIONAL, DIRECT SUPPORT  
AND GENERAL SUPPORT MAINTENANCE MANUAL  
INCLUDING REPAIR PARTS LIST  
FOR  
SHAPER, METAL CUTTING, HORIZONTAL  
(NSN 3418-00-808-0475)**

**REPORTING OF ERRORS**

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2, located in the back of this manual direct to: Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS, Rock Island, IL 61299. A reply will be furnished direct to you.

Manufactured by: Rockford Machine Tool Co.  
2500 Kishwaukee Street  
Rockford, IL 61101

Procured under Contract No. DAAA09-76-C-6910

This technical manual is an authentication of the manufacturers' commercial literature and does not conform with the format and content specified in AR 310-3, Military Publications. This technical manual does, however, contain available information that is essential to the operation and maintenance of the equipment.

## TABLE OF CONTENTS

|                                               | Page   |
|-----------------------------------------------|--------|
| Receiving and Handling.....                   | 1      |
| Cleaning .....                                | 2      |
| Installation .....                            | 2      |
| Floor Plan .....                              | 3      |
| Electrical Connections and Wiring.....        | 4      |
| Hydraulic Oils .....                          | 4      |
| Wiring Diagram .....                          | 5      |
| Filling Oil Reservoir. ....                   | 6      |
| Starting the Machine.....                     | 6      |
| Operating the Machine. ....                   | 8, 9   |
| Universal Table.....                          | 10     |
| Power Feed. ....                              | 11     |
| Cutting Tools. ....                           | 11     |
| Hydraulic Circuit. ....                       | 12, 13 |
| Reversing Valve Chokes. ....                  | 14, 15 |
| Motor and Pump. ....                          | 15     |
| Pump Maintenance Instructions . ....          | 16-23  |
| Pump Service Parts Information .....          | 24-29  |
| Flow Control and Overload Relief Valves ..... | 30     |
| Valve Maintenance.....                        | 31, 32 |
| Valve Parts Drawing. ....                     | 33-36  |
| Specifications. ....                          | 37     |
| Maintenance - Lubrication. ....               | 38     |
| Lubrication Chart. ....                       | 39     |
| Parts List.....                               | 40- 65 |

## LIST OF ILLUSTRATIONS

| Figure | Title                                   | Page |
|--------|-----------------------------------------|------|
| 1      | Right Side with Plain Table.....        | 41   |
| 2      | Left Side with Universal Table. ....    | 42   |
| 3      | Tool Head. ....                         | 44   |
| 4      | Power Downfeed - Optional.....          | 46   |
| 5      | Main Crossrail Unit. ....               | 48   |
| 6      | Crossrail Gear Box. ....                | 50   |
| 7      | Crossrail Feed and Rapid Traverse. .... | 52   |
| 8      | Crossrail Vertical Feed.. ....          | 54   |
| 9      | Universal Table - Optional.....         | 56   |
| 10     | Pilot Valve and Trip Dogs.....          | 58   |
| 11     | Combination Valve and Controls.....     | 60   |
| 12     | Hydraulic Valves.....                   | 62   |
| 13     | Ram Cylinder.....                       | 64   |
| 14     | Safety Crank.....                       | 65   |

## INSTRUCTIONS FOR REQUISITIONING PARTS

### NOT IDENTIFIED BY NSN

When requisitioning parts not identified by National Stock Number, it is mandatory that the following information be furnished the supply officer.

- 1 - Manufacturer's Federal Supply Code Number - 51292
- 2 - Manufacturer's Part Number exactly as listed herein.
- 3 - Nomenclature exactly as listed herein, including dimensions, if necessary.
- 4 - Manufacturer's Model Number - Model
- 5 - Manufacturer's Serial Number (End Item)
- 6 - Any other information such as Type, Frame Number, and Electrical Characteristics, if applicable.
- 7 - If DD Form 1348 is used, fill in all blocks except 4, 5, 6, and Remarks field in accordance with AR 725-50.

Complete Form as Follows:

(a) In blocks 4, 5, 6, list manufacturer's Federal Supply Code Number - 51292 followed by a colon and manufacturer's Part Number for the repair part.

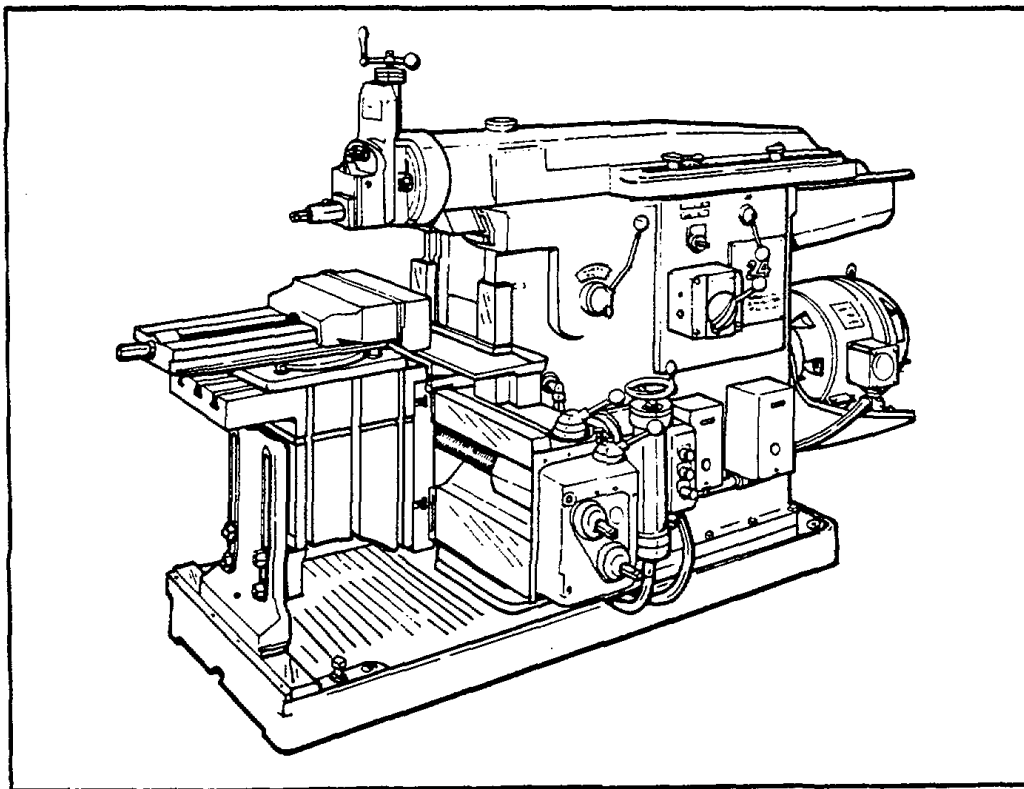
(b) Complete Remarks field as follows:

|               |                               |
|---------------|-------------------------------|
| Noun:         | (nomenclature of repair part) |
| For:          | NSN: 3418-00-808-0475         |
| Manufacturer: | Rockford Machine Tool Co.     |

Model:  
Serial: (of end item)

Any other pertinent information such as Frame Number, Type, Dimensions, etc.

SERVICE MANUAL  
for the  
INSTALLATION OPERATION  
and  
MAINTENANCE  
of the  
HORIZONTAL, METAL CUTTING  
*Hy- Draulic* SHAPER  
16 inch



*Series 15*

### RECEIVING

Before accepting the machine, a preliminary examination should be made for any possible damage in transit. If there is evidence of such damage a notation to that effect should be made on the receipt and the machine received subject to thorough inspection. When the extent of the damage has been determined, your reports should be filed.

### HANDLING

The best method of handling the shaper is by means of a crane with adequate capacity. By removing the top boards of the crate and the water proof covering, a rope or sling may be attached as shown. The sling should be crossed over the crane hook to prevent slipping. A sling to carry a load of at least 10,000 pounds should be used. If no crane is available rollers must be used. In moving the machine on rollers leave the skids attached until it has reached the place of installation. Always be careful that the ends of the skids do not drop off a roller as damage to the machine may result.

