

TECHNICAL MANUAL
DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL

FOR

**CONTAINER CRANE, 40-TON,
ROUGH TERRAIN, MODEL RT875CC
NSN 3810-01-205-2716**

This manual shall be used in place of the Direct Support and General Support maintenance portions of the GROVE Manufacturing Company Commercial Maintenance Manual No. 7-187-000004-2 dated 1 Feb 89, the PAT Equipment Corp. Troubleshooting Manual DS350M dated January 1989 and the Cummins Engine C Series Shop Manual dated 1986, originally overpacked with the crane.

Approved for public release; distribution is unlimited.

HEADQUARTERS, DEPARTMENT OF THE ARMY

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CONTAINER CRANE, 40-TON
ROUGH TERRAIN, MODEL RT875CC
NSN 381001-205-2716

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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: US Army Tank Automotive Command, ATTN: AMSTA-MB, Warren, MI 48090-5000. A reply will be furnished to you.

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CHAPTER 1

INTRODUCTION

Section I. GENERAL INFORMATION

SCOPE

Type of Manual: Direct Support and General Support Maintenance

Model Number and Equipment Name:

RT875CC - Container Crane, Rough Terrain
Wheel Mounted, Hydraulic, Diesel Powered

Purpose of Equipment: Provides for 360 degree boom travel and 80,000 lbs (40 Tons) lifting capacity in rough terrain conditions.

MAINTENANCE FORMS, RECORDS, AND REPORTS

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750, The Army Maintenance Management System.

Accidents involving injury to personnel or damage to materiel will be reported on DA Form 285 (Accident Report) in accordance with AR385-40.

Explosives and ammunition malfunctions will be reported in accordance with AR75-1.

DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE

Demolition of materiel to prevent enemy use will be in accordance with the requirement of TM 750-244-3 (Procedures for Destruction of Equipment to Prevent Enemy Use for U.S. Army).

PREPARATION FOR STORAGE OR SHIPMENT

Before the Container Crane is stored for a long period of time, shipped to a distant location, or returned to service after a period of time, certain guidelines/procedures must be followed. Refer to Chapter 18, Preparation for Storage and Shipment in TM 5-3810-306-20.