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TECHNICAL MANUAL

TRANSPORTABILITY GUIDANCE
SCOOP LOADER, WHEELED, MW24C

2-1/2-CUBIC-YARD-CAPACITY COMMERCIAL CONSTRUCTION EQUIPMENT (NSN 3805-01-150-4814)

HEADQUARTERS, DEPARTMENT OF THE ARMY

11 APRIL 1986

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CHAPTER 1
INTRODUCTION

1-1. Purpose and Scope

a. This manual provides transportability guidance for logistical handling and movement of the MW24C scoop loader.

b. This manual is intended for transportation officers and other personnel responsible for movement or for providing transportation services. Significant technical and physical characteristics, as well as safety considerations required for worldwide movement by the various modes of transportation, are included. When considered appropriate, metric equivalents are given in parentheses following dimensions or other measurements.
Conversion tables are contained in appendix A.

1-2. Reporting of Recommendations and Comments

Individual users of this manual are encouraged to recommend changes and submit comments for its improvement. Comments should be prepared on DA Form 2028 (Recommended Changes to DA Publications and Blank Forms) and forwarded to Commander, Military Traffic Management Command Transportation Engineering Agency, ATTN: MTT-TRC, PO Box 6276, Newport News, VA 23606-0276. Electrically transmitted messages should be addressed to CDR MTMCTEA FT EUSTIS VA/ /MTT-TRC/ /. A reply will be furnished by this command.

1-3. Safety

Appropriate precautionary measures required during movement of the item are contained in chapter 3.

1-4. Definitions of Warnings, Cautions, and Notes

Throughout this manual, warnings, cautions, and notes emphasize important or critical guidance. They are used for the following conditions:

a. *Warning.* Instructions that, if not followed, could result in injury to or death of personnel.

b. *Caution.* Instructions that, if not strictly observed, could result in damage to or destruction of equipment.

c. *Notes.* A brief statement for use as necessary to emphasive a particular operating procedure, condition, and so forth.

CHAPTER 2
TRANSPORTABILITY DATA

Section I. GENERAL

2-1. Scope

This chapter provides a general description and identification photographs of the MW24C scoop loader, as well as tabulated data that are necessary in movement of the item.

2-2. Description

The loader, which is powered by a diesel engine, has two axles, four-wheel drive, articulated frame steering, and four 20.5 by 25 rubber tires. The loader is equipped with a 2-1/2-cubic-yard multipurpose bucket and rollover protection system/falling objects protection system (ROPS/FOPS) cab. The cab is removable for air transport and for other modes of transportation as required (fig 2-l).

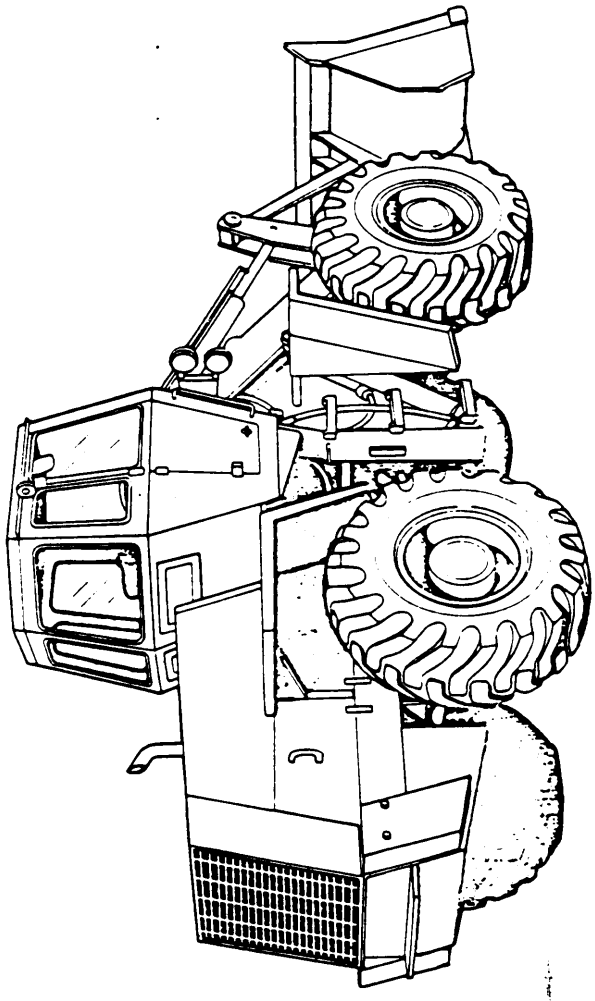

Figure 2-1. MW24C scoop loader.

2-3. Transportability Drawings

Detailed side and end transportability drawings of the MW24C scoop loader, with dimensions, tiedowns, lift provisions, and load-rating capacities, are shown in figures 2-2 through 2-5.

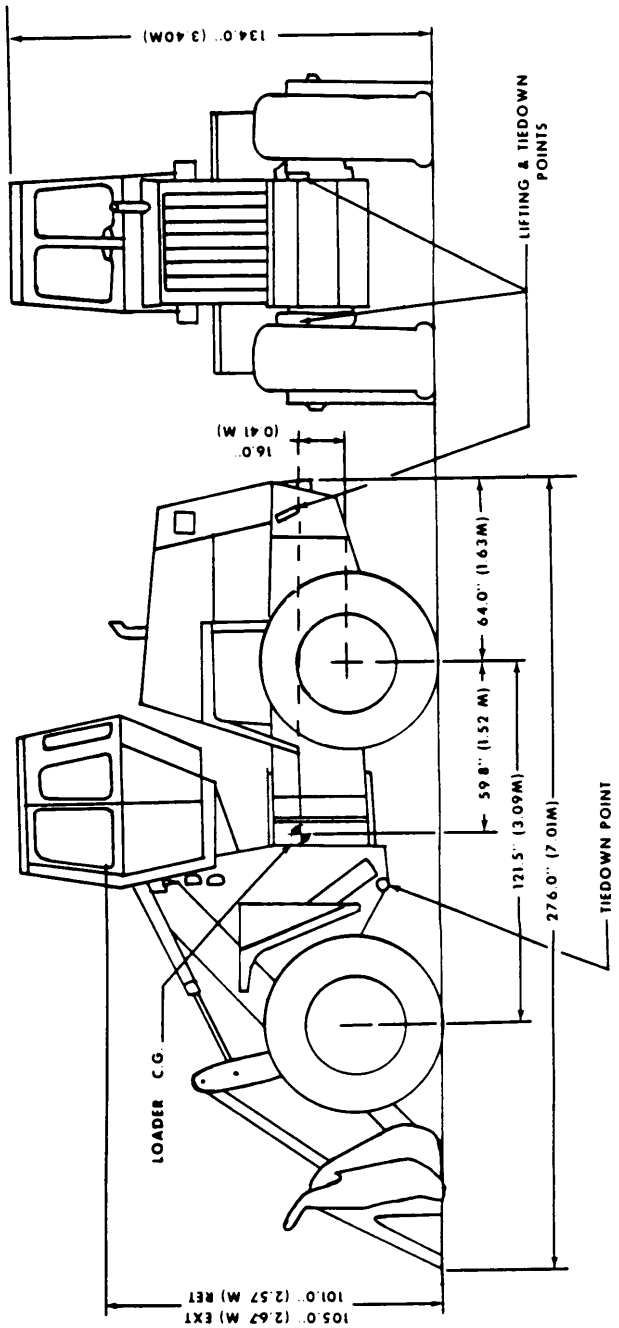

Figure 2-2. Lift points for MW24C scoop loader.