
DEPARTMENT OF THE ARMY TECHNICAL MANUAL

TECHNICAL MANUAL

OPERATOR AND ORGANIZATIONAL
MAINTENANCE MANUAL

TRUCK, LIFT, FORK, EMD, SOLID RUBTER
TIRED WHEELS, 2000 LBS CAPACITY, 144 IN LIFT
ARMY MODEL MHE 219
ALLIS CHALMERS MODEL FE20-24EE
FSN 3930-151-4432

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DEPARTMENT OF THE ARMY
WASHINGTON, D. C., 10 June 1971**OPERATOR AND ORGANIZATIONAL MAINTENANCE MANUAL
TRUCK, LIFT, FORK, END, SOLID RUBBER TIRES,****2000 LBS CAPACITY, 144 IN LIFT, ARMY MODEL MHE 219
ALLIS CHALMERS MODEL FE20-24EE****FSN 3930-151-4432**

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

a. These instructions are published for the use of personnel to whom the Allis-Charmers Fork Lift Truck Model FE20-24EE, Army Model MHE- 219, Federal Stock Number 3930-151-4432 is issued. They provide information on the operation and organizational maintenance of the equipment. Included in the manual are descriptions of the main units and their functions in relation to other components.

b. Appendix A contains a list of publications applicable to this manual. Appendix B consists of Maintenance Allocation Chart. Appendix C contains a list of basic issue items and maintenance and operating supplies authorized the operator of the equipment. Spare parts allocated to organizational maintenance are listed in TM 10- 3930-628-20P.

1-2. Record and Report Forms

a. DA Form 2258, Depreservation Guide to Engineer Equipment.

b. DA Form 1397, Processing and Deprocessing for Shipment, Storage, and Issue of Vehicles and Spare Engines.

c. For other record and report forms applicable to operator / crew and organizational maintenance, refer to TM 38-750.

d. Report of errors, omissions, and recommendations for improving this publication by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications) and forwarded direct to Commanding General, U. S. Army Mobility Equipment Command, ATTN: AMSME-MPP, 4300 Goodfellow Boulevard, St. Louis, Mo. 63120.

1-3. Orientation

Throughout this manual the terms right, left, front, and rear with respect to the truck and components are determined from the viewpoint of the operator sitting in the seat of the truck.

Section II. DESCRIPTION AND DATA

1-4. Description

a. The Army Model MHE-219 (Allis-Charmers Model FE20-24EE) is a nontactical fork' lift truck (figs 1-1 and 1-2) designed for warehouse

operation. The truck can be used to load, transport, unload, and stack loads weighing as much as 2,000 pounds at a 24 inch load center. (The load center is measured from the heel of the fork.)

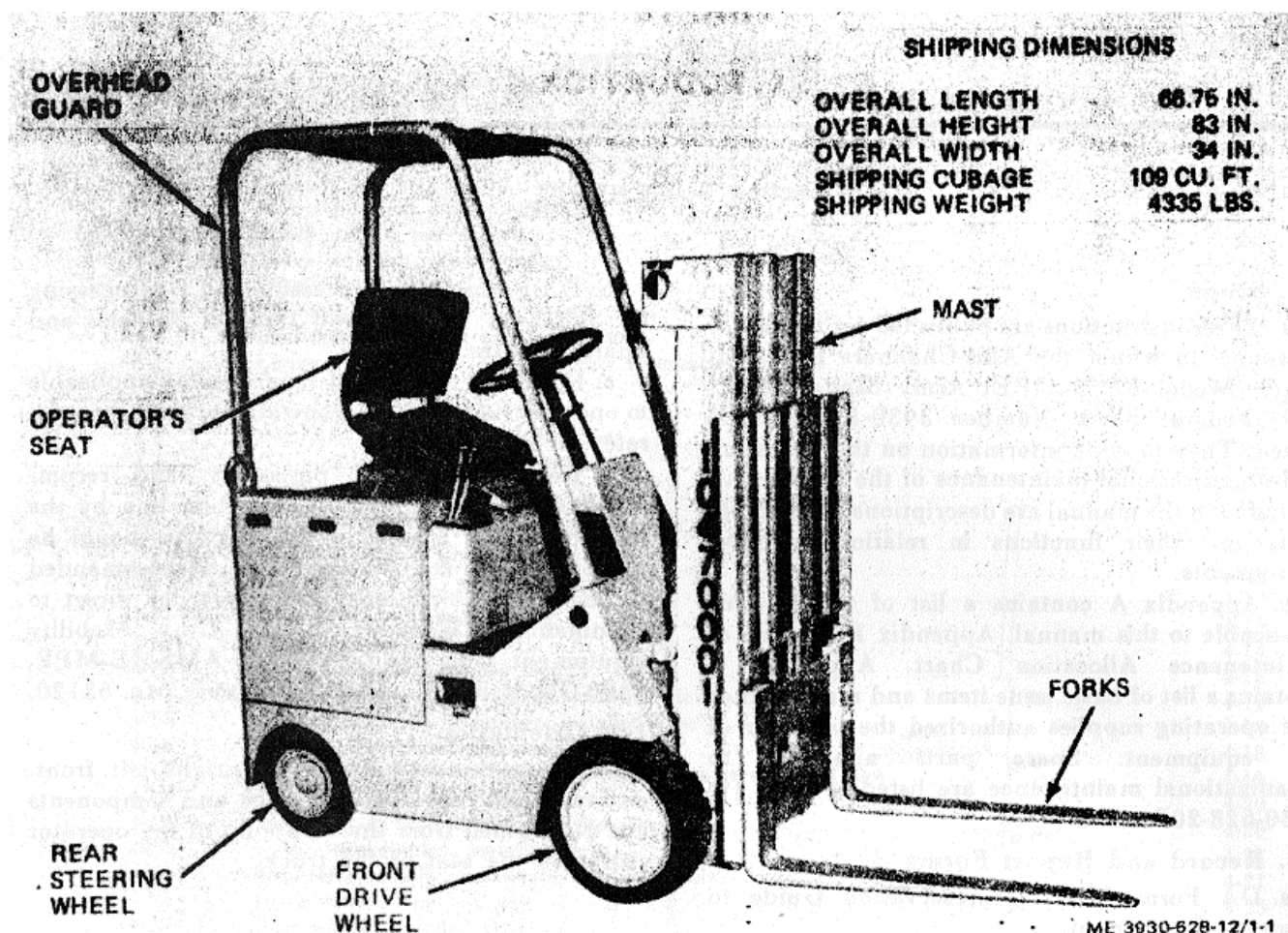


Figure 1-1. Fork lift truck with shipping dimensions, right side view.