

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR'S MANUAL
TRUCK, LIFT, FORK, ELECTRIC
SOLID RUBBER TIRES
4000 POUND CAPACITY
ARMY MODEL MHE-196
BAKER MODEL FTD-040-EE
FSN 3930-709-6342, 100 IN. LIFT
FSN 3930-709-6341, 130 IN. LIFT
FSN 3930-709-6358, 144 IN. LIFT

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SOLID RUBBER TIRES
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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1. Scope

a. This manual is for the use of personnel responsible for the operation and operator maintenance of the truck, lift, fork, electric, solid rubber tires, 4,000-pound capacity, Baker model FTD-040-EE, Army model MHE-196, Federal stock number 3930-709-6342 for 100-inch lift, Federal stock number 3930-709-6341 for 130-inch lift, and Federal stock number 3930-709-6358 for 144-inch lift, procured under Contract Numbers DSA-4-019092-MP302 and DSA-4-020841-MP302.

b. It provides the operator with the necessary instructions to operate the truck and to perform his required maintenance services. These maintenance services have been assigned to the operator within the limits of the daily preventive maintenance services (para. 26).

2. Appendixes

Appendix I contains a list of publications applicable to this manual. Appendix II contains the list of basic issue items and maintenance and operating supplies authorized the operator of this equipment. The maintenance allocation chart is listed in TM 10-3930-257-20.

3. Forms, Records, and Reports

The forms, records, and reports applicable to the operation and operator maintenance of this truck are listed and described in TM-38-750.

4. Recommended Changes

The direct reporting of errors, omissions, and recommendations for improving this manual by the individual user is authorized and encouraged. DA Form 2028 (Recommended Changes to DA Publication) will be used for reporting these improvements. This form will be completed in triplicate using pencil, pen or typewriter. The original and one copy will be forwarded direct to Commanding General, U. S. Army Mobility Equipment Center, ATTN: SMOME-MMP, P.O. Drawer 58, St. Louis, Mo. 63166.

5. Orientation

Throughout this manual, the use of the terms *right*, *left*, *front*, and *rear*, indicates directions from the viewpoint of the operator sitting in the seat of the truck.

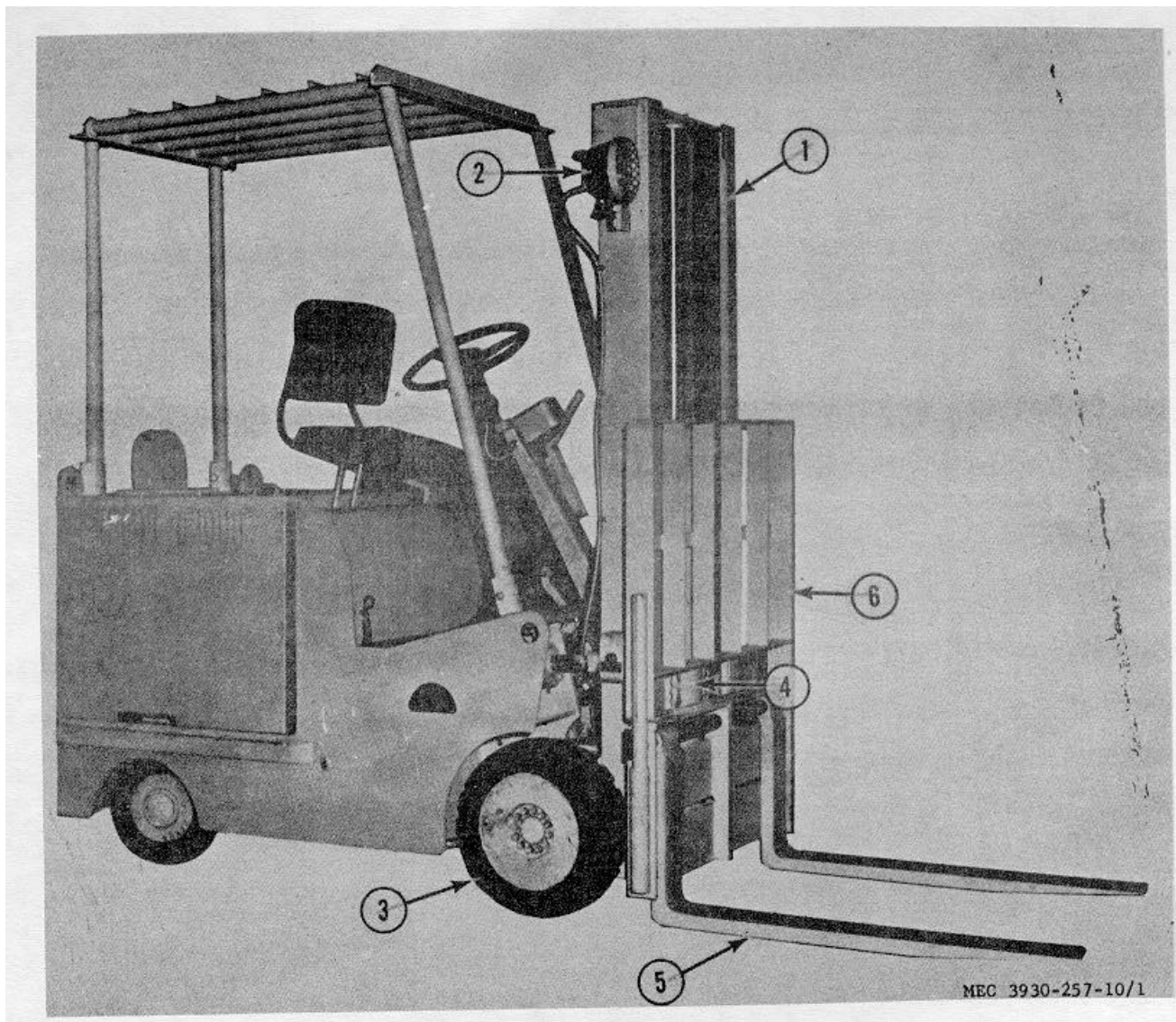
Section II. DESCRIPTION AND DATA

6. Description

Army model MHE-196 (Baker model FTD-040-EE, type EE, spark inclosed) is a nontactical forklift truck designed for warehouse operation. This truck (figs. 1 and 2) can be used to load, transport, unload and stack loads weighing as much as 4,000 pounds at a load center of 24 inches. (The load center is measured from

the heel of the forks.) The model FTD-040-EE truck (Federal stock No. 3930-709-6342) is designed to lift loads to a height of 100 inches. The model FTD-040-EE truck (Federal stock No. 3930-709-6341) is designed to lift loads to a height of 1K inches. The model FTD-040-EE truck (Federal stock No. 3930-709-6358) is designed to lift loads to a height of 144 inches.

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- | | | | | | |
|---|-----------|---|----------------|---|----------------|
| 1 | Mast | 3 | Wheel, drive | 5 | Forks, load |
| 2 | Headlight | 4 | Cylinder, lift | 6 | Backrest, load |

Figure 1. Truck, three-quarter front view.

7.

a. Capacities.

Differential-----11 pt
 Hydraulic system -----7 ½ gal
 Power steering pump -----1 qt.

b. Dimensions and Weight.

(1) FSN-3930-709-6342.

Ground clearance (at mast center)-----3 in.
 Height (overall):
 With uprights extended
 (less back rest) -----123 in.
 With uprights retracted -----68 in.

Length:

Overall-----119 ½ in.
 Forks -----40 in.
 Weight w/battery -----7700 lb.
 Weight w/o battery-----5300 lb.
 Width-----42 in.

Wheel load (empty):

Drive-----1550 lb
 Steer-----2300 lb

(2) FSN-3930-709-6341.

Ground clearance (at mast center)-----3 in.
 Height (overall):
 With uprights extended
 (less back rest) -----150 in.
 With uprights retracted -----89 in.