

TECHNICAL MANUAL

**OPERATOR'S MANUAL SPREADER,
AGGREGATE; TOWED: FORCE FEED;
PNEUMATIC TIRES; 8-FT WIDTH (BURCH
CORP. MDL FF-8)
FSN 3895-130-3633**

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Changes 1

**HEADQUARTERS, DEPARTMENT OF THE ARMY
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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Purpose and Scope

This manual is for your use in operating and maintaining the aggregate spreader.

1-2. Maintenance Forms and Records

Maintenance forms and records that you are required to use are explained in TM 38-750.

1-3. Recommending Improvements

You can improve this manual by recommending improvements using DA Form 2028 (Recommended Changes to Publications) or a letter, and mail direct to Commanding General, U. S. Army Mobility Equipment Command ATTN: AMSME-MPP, 4300 Goodfellow Boulevard, St. Louis, Mo., 63120. A reply will be furnished direct to you.

Section II. DESCRIPTION AND DATA

1-4. Description

The Aggregate Spreader, (fig. 1-1 and 1-2) is towed by a Military M-51, 5-ton dump truck. The spreader is a self-contained unit capable of spreading material in widths from four to eight feet by use of 12 inch block off plates. The spreader can operate in both forward and reverse directions at speeds up to 5 miles per hour. The components of the spreader are a receiving hopper, with an operator's platform; a clutch controlled feed roll with drive mechanism; and adjustable discharge gate and control mechanism; rubber tired support and traction wheels; a coupling and truck hitch; and a removable transport assembly. If you need a detailed description of any component of the aggregate spreader ask your supervisor to see TM 5-3895-330-24.

1-5. Tabulated Data

Overall length	114 in.
Overall height	47 in.
Overall width.....	55 in.
Shipping weight	2600 lbs.

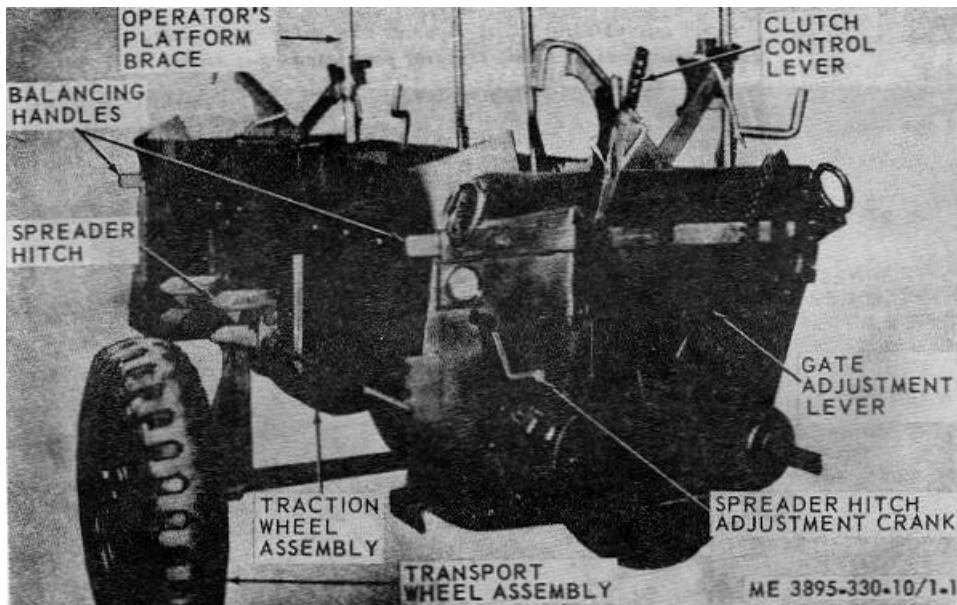


Figure 1-1. Force feed aggregate spreader (left three-quarter view).