

DEPARTMENT OF THE ARMY TECHNICAL MANUAL

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TECHNICAL MANUAL

OPERATORS MANUAL

CRANE, TRUCK MOUNTED, 3/4 CUBIC YARDS,

20 TON, w/CLAMSHELL,

DAGLINE AND BACKHOE ATTACHMENTS, G.E.D.,

(HARNISCHFEGGER CORP MODEL M 320T2)

FSN 3810-151-4431

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| This copy is a reprint which includes current pages<br>from Changes 3 and 4. |
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H E A D Q U A R T E R S , D E P A R T M E N T O F T H E A R M Y

MAY 1971

## TECHNICAL MANUAL

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HEADQUARTERS  
DEPARTMENT OF THE ARMY  
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## OPERATORS MANUAL

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W/ CLAMSHELL,  
DRAGLINE AND BACKHOE ATTACHMENTS, G.E.D.,  
(HARNISCHFEGGER CORP MODEL M 320T2) FSN 3810-151-4431

|                                                              | Paragraph | Page |
|--------------------------------------------------------------|-----------|------|
| PART ONE. CRANE REVOLVING FRAME                              |           |      |
| CHAPTER 1. INTRODUCTION                                      |           |      |
| Section I. General .....                                     | 1-1       | 1-1  |
| Section II. Description and data .....                       | 1-3       | 1-1  |
| CHAPTER 2. OPERATING INSTRUCTIONS                            |           |      |
| Section I. Operating procedures .....                        | 2-1.      | 2-1  |
| Section II. Operation of auxiliary equipment .....           | 2-22      | 2-52 |
| Section III. Operation under unusual conditions .....        | 2-23      | 2-53 |
| CHAPTER 3. MAINTENANCE INSTRUCTIONS                          |           |      |
| Section I. Lubrication.....                                  | 3-1       | 3-1  |
| Section II. Preventive maintenance checks and services ..... | 3-3       | 3-1  |
| Section III. Troubleshooting .....                           | 3-5       | 3-5  |
| Section IV. Maintenance instructions .....                   | 3-8       | 3-6  |
| PART TWO. CARRIER                                            |           |      |
| CHAPTER 4. INTRODUCTION                                      |           |      |
| Section I. General .....                                     | 4-1       | 4-1  |
| Section II. Description and data .....                       | 4-2       | 4-1  |
| CHAPTER 5. OPERATING INSTRUCTIONS                            |           |      |
| Section I. Operating procedures .....                        | 5-1       | 5-1  |
| Section II. Operation of auxiliary equipment .....           | 5-8       | 5-7  |
| Section III. Operation under unusual conditions .....        | 5-9       | 5-7  |
| CHAPTER 6. MAINTENANCE INSTRUCTIONS                          |           |      |
| Section I. Lubrication.....                                  | 6-1       | 6-1  |
| Section II. Preventive maintenance checks and services ..... | 6-3       | 6-1  |
| Section III. Troubleshooting .....                           | 6-5       | 6-2  |
| Section IV. Maintenance instructions .....                   | 6-8       | 6-3  |

**PART ONE**  
**(CRANE (REVOLVING FRAME))**

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**CHAPTER 1**  
**INTRODUCTION**

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**Section I. GENERAL**

**1-1. Purpose and Scope**

a. This manual is for your use in operating and maintaining the Harnischfeger truck crane model M320T2.

b. The manual is divided into two parts. Part One contains instructions for the operation and maintenance of the crane (revolving frame) portion OF the machine. Part Two is for the operation and maintenance of the carrier portion of the machine.

c. Operator/ Crews- personnel should read the

instructions provided in both parts of this manual before operating, servicing or maintaining this equipment.

**1-2. Recommending Improvement**

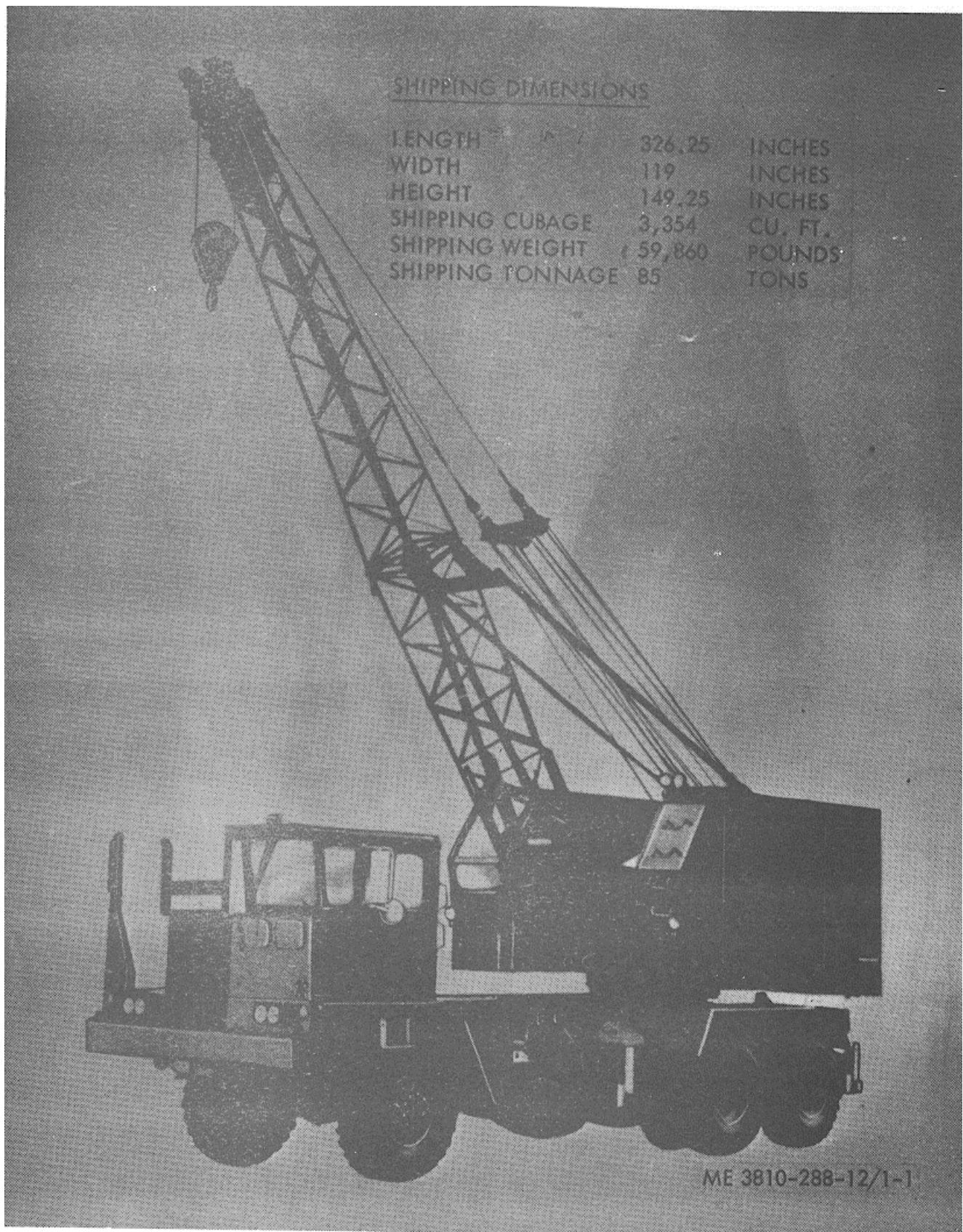
You can improve this manual by recommending improvements, using DA Form 2028 (Recommended Changes to Publications) or a letter, and mail directly to Commanding General, U. S. Army Mobility Equipment Command, ATTN: AM-SME-MPP, 4300 Goodfellow Blvd., St. Louis. Mo. 63120. A prompt reply will be furnished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

**Section II. DESCRIPTION AND DATA**

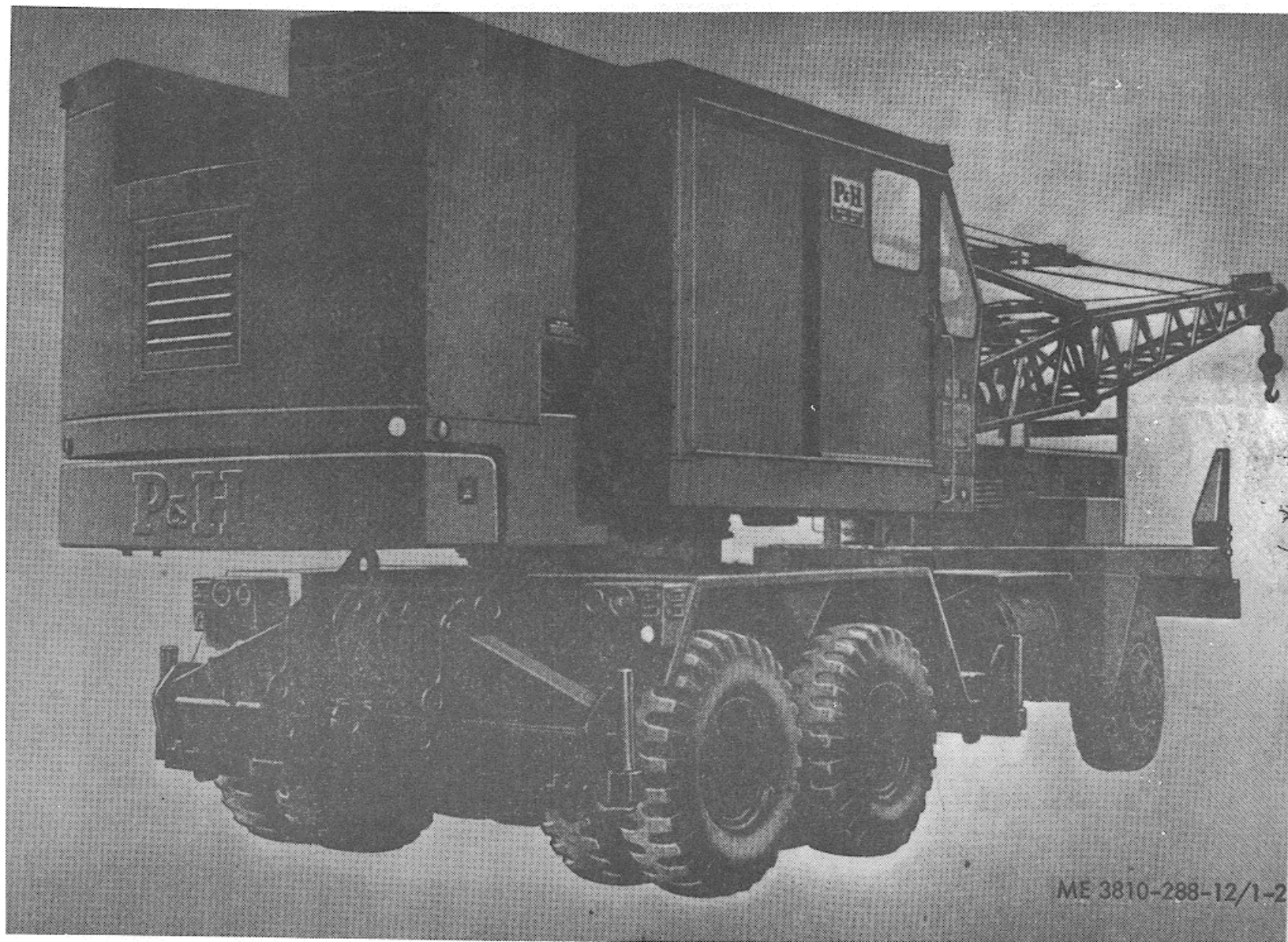
**1-3. Description**

a. *General.* The Harnishfeger model M320T2 truck crane is designed for universal operation. And may be converted for use as a crane (fig. 1-1 and 1-2). clamshell (fig. 1-3). dragline (fig. 1-4). piledriver (fig. 1-5).

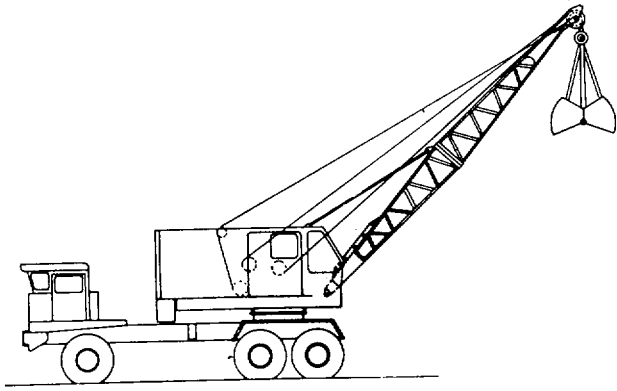
backhoe (fig. 1-6) or shovel (fig. 1-7). The front-end attachments are described, and detailed instructions for the operation of each attachment are given in chapter 2 of this manual. The military load class is E-29.



*Figure 1-1. Truck crane model M320T2 with crane attachment. front three-quarter view and shipping dimensions.*

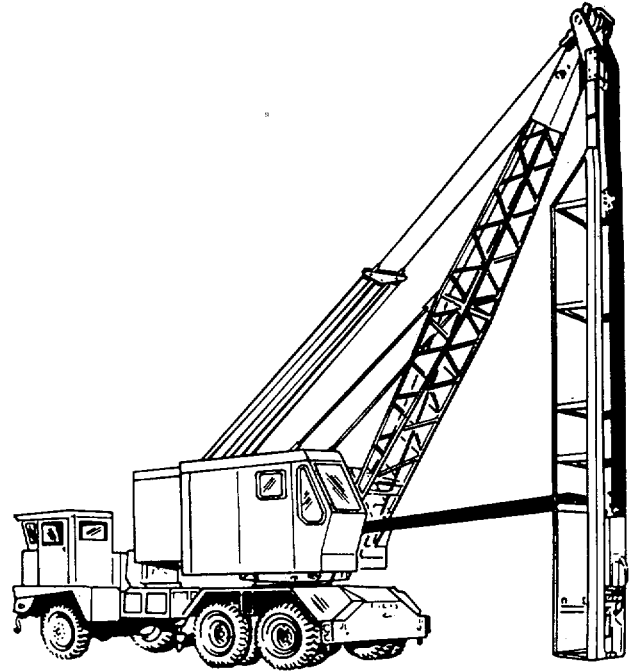


*Figure 1-2. Truck crane model M320T2 with crane attachment.  
Rear three-quarter view.*



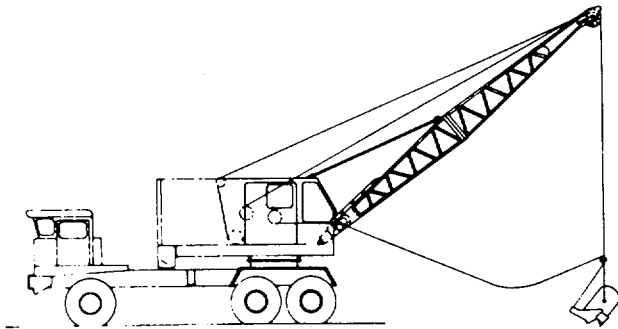
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Figure 1-3. Clamshell attachment.



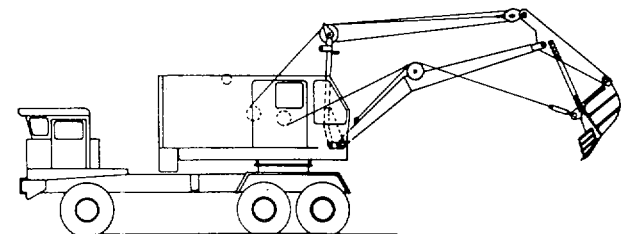
ME 3810-288-12/1-5

Figure 1-5. Piledriver attachment.



ME 3810-288-12/1-4

Figure 1-4. Dragline attachment.



ME 3810-288-12/1-6

Figure 1-6. Backhoe attachment.