

**Case No. 103 Series  
Front End Loaders  
for Model 400  
and 410  
Series Tractors**

**Operator's Manual**

D1901

Reprinted

**CASE** *iii*






*THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL, CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH.*

M171B

If Safety Decals on this machine use the words **Danger, Warning or Caution**, which are defined as follows:

- **DANGER:** Indicates an immediate hazardous situation which if not avoided, will result in death or serious injury. The color associated with Danger is RED.
- **WARNING:** Indicates an potentially hazardous situation which if not avoided, will result in serious injury. The color associated with Warning is ORANGE.
- **CAUTION:** Indicates an potentially hazardous situation which if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. The color associated with Caution is YELLOW.

If Safety Decals on this machine are ISO two panel Pictorial, decals are defined as follows:

- The first panel indicates the nature of the hazard.
- The second panel indicates the appropriate avoidance of the hazard.
- Background color is YELLOW.
- Prohibition symbols such as   and  if used, are RED.



# WARNING

IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH. BEFORE USING THIS MACHINE, MAKE CERTAIN THAT EVERY OPERATOR:

- Is instructed in safe and proper use of the machine.
- Reads and understands the Manual(s) pertaining to the machine.
- Reads and understands ALL Safety Decals on the machine.
- Clears the area of other persons.
- Learns and practices safe use of machine controls in a safe, clear area before operating this machine on a job site.

It is your responsibility to observe pertinent laws and regulations and follow Case Corporation instructions on machine operation and maintenance.

13-167  
**Operator's Instruction Manual**

**CASE**

●  
**No. 103 Series**

**FRONT END LOADERS**

**FOR**

**Model 400 and 410**

**SERIES TRACTORS**

*First Edition*

**J. I. Case Co.**

**RACINE, WISCONSIN - U. S. A.**



TO PURCHASERS OF CASE FRONT END  
LOADERS

Congratulations on your purchase of a CASE Front End Loader and welcome to the ever-increasing number of satisfied CASE owners.

The dependability and economical performance of your new CASE Front End Loader will prove that you were wise in making this choice.

The organization back of your Front End Loader has been building quality farm equipment for more than a century. Your CASE Front End Loader was built in one of the largest and best equipped plants in the world. In this factory, quality materials, precision machinery, high grade workmanship, thorough inspection and complete testing equipment are combined to give you the best in performance and economical operation.

The care which you give your Front End Loader will have a great deal to do with the service and satisfaction you get from it. By observing the precautions and suggestions in this manual, your CASE Front End Loader will serve you well for many years. Make this manual your guide. Should you need information not covered here, or should your Front End Loader require special servicing, contact your CASE Dealer. He has trained men who are kept informed on the best methods of servicing CASE Farming Equipment in the field or in his shop.

When it becomes necessary, after long use, to replace certain parts on your Front End Loader, be sure to use only genuine CASE parts, thus insuring proper fit and continuous good service. These may be obtained from your CASE Dealer. It is always helpful to provide him with the Number of your Front End Loader in addition to a description and part number, if available, of the parts required.

## INTRODUCTION

The CASE Number 103 Front End Loader has been designed with a view to long life, ease in operation and facility in mounting and dismounting.

Booms are heavily constructed and rigidly braced to counteract the various stresses inherent in a Front End Loader. Truss angles return bucket to center even when working Front End Loader at an angle.

Bucket control is simple yet positive. Bucket automatically resets into loading position when lowering and the loaded bucket is easily dumped by convenient trip lever located near the tractor seat.

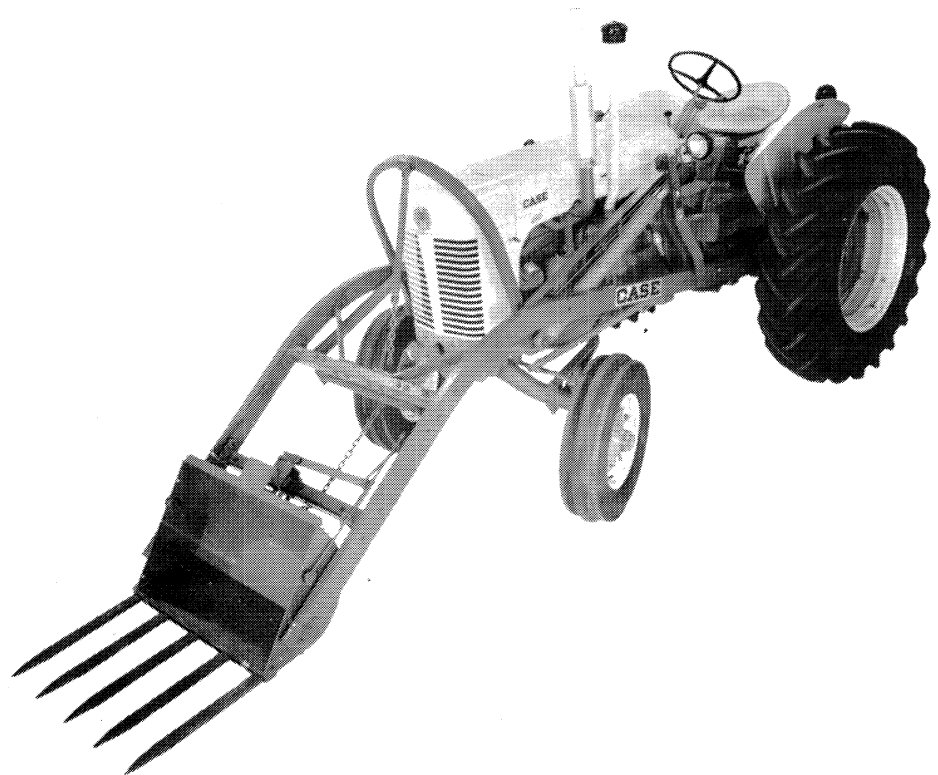


Figure 1. Number 103 Front End Loader

The bucket can be dumped from any height up to the maximum lift of approximately eight feet. Bucket is cushioned by spring stops when dumped.

Bucket has replaceable runner shoes to prevent unnecessary wear on the bucket. Tines are secured to bucket with one bolt which acts as a shear pin and eliminates damage to loader when driving into a solid obstruction.

Rapid acting hydraulic rams provide ample lift and speed a loading or light dirt moving operation.

An outstanding feature of the CASE Number 103 Series Front End Loader is the ease with which they can be mounted or dismounted - making it possible for the tractor operator alone to complete this task.

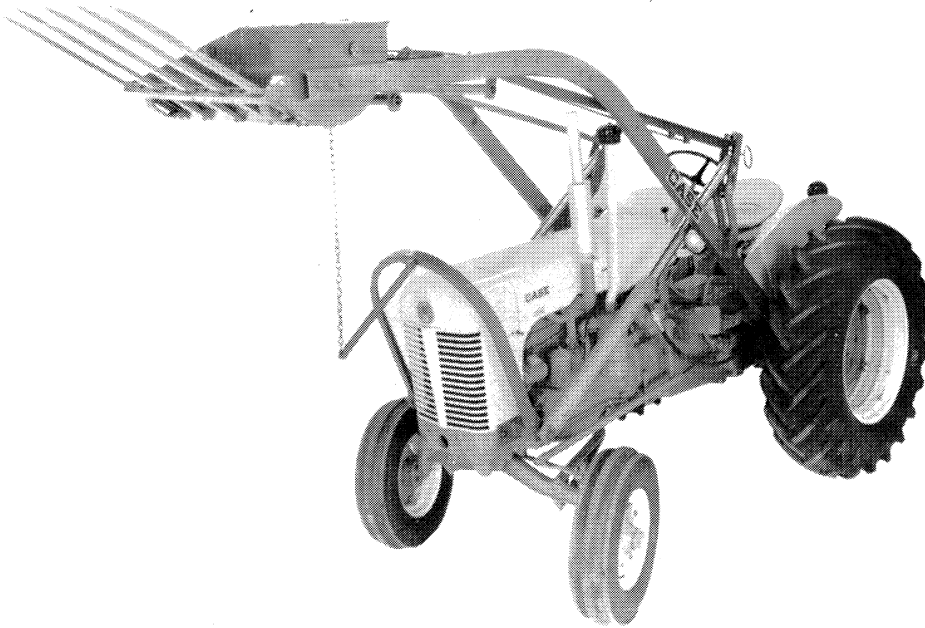


Figure 2. Number 103 Series Front End Loader

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