



Adjustable Forks

Sitework Systems Attachment

Model No. 22418 – 890001 & Up

Operator's Manual



English (CE)

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Introduction

We want you to be completely satisfied with your new product, so feel free to contact your local Authorized Service Dealer for help with service, genuine replacement parts, or other information you may require.

Whenever you contact your Authorized Service Dealer or the factory, always know the model and serial numbers of your product. These numbers will help the Service Dealer or Service Representative provide exact information about your specific product. You will find the model and serial number on a plate located on the back frame of the forks.

For your convenience, write the product model and serial numbers in the space below.

Model No: _____

Serial No. _____

The warning system in this manual identifies potential hazards and has special safety messages that help you and others avoid personal injury, even death. DANGER, WARNING and CAUTION are signal words used to identify the level of hazard. However, regardless of the hazard, be extremely careful.

DANGER signals an extreme hazard that will cause serious injury or death if the recommended precautions are not followed.


WARNING signals a hazard that may cause serious injury or death if the recommended precautions are not followed.



CAUTION signals a hazard that may cause minor or moderate injury if the recommended precautions are not followed.

Two other words are also used to highlight information. “Important” calls attention to special mechanical information and “Note” emphasizes general information worthy of special attention.

The left and right side of the machine is determined by sitting on the seat in the normal operator’s position.

Safety

Improper use or maintenance by the operator or owner can result in injury. To reduce the potential for injury, comply with these safety instructions and those in the traction unit operator’s manual. Always pay attention to the safety alert  symbol, which means CAUTION, WARNING, or DANGER—“personal safety instruction.” Failure to comply with the instruction may result in personal injury or death.

**WARNING**

POTENTIAL HAZARD

- When the engine is off, attachments in the raised position can gradually lower.

WHAT CAN HAPPEN

- Someone nearby may be pinned or injured by the attachment as it lowers.

HOW TO AVOID THE HAZARD

- Always lower the attachment lift each time you shut off the traction unit.

! **WARNING** !

POTENTIAL HAZARD

- When going up or down hill, the machine could overturn if the heavy end is toward the downhill side.

WHAT CAN HAPPEN

- Someone may be pinned or seriously injured by the machine if it overturns.

HOW TO AVOID THE HAZARD

- Operate up and down slopes with the heavy end of the machine uphill. Empty forks will make the rear end heavy and loaded forks will make the front end heavy.

! **CAUTION** !

POTENTIAL HAZARD

- If the forks are not kept level while lifting, the load could be inadvertently dumped on the operator.

WHAT CAN HAPPEN

- The operator could be injured when the load is dumped.

HOW TO AVOID THE HAZARD

- When lifting the forks, tilt them forward to keep them level and prevent spilling backwards.

! **CAUTION** !

POTENTIAL HAZARD

- If you step off of the platform with the load raised, the machine could tip forward.

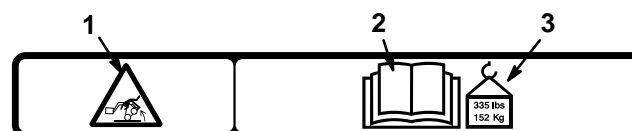
WHAT CAN HAPPEN

- Someone nearby may be pinned or injured.

HOW TO AVOID THE HAZARD

- Lower the forks before stepping off or the platform.

Safety Decal



99-9938

Figure 1

1. Machine roll-over—exceeding rated load capacity can cause instability
2. Read operator's manual
3. Maximum load capacity

Specifications

Note: Specifications and design are subject to change without notice.




Overall width	31.0 inches (79 cm)
Overall length	40.0 inches (102 cm)
Overall height	29.0 inches (74 cm)
Weight	162 lbs (74 Kg)
Fork length	31.5 inches (80 cm)
Fork cross-section size	3.0 inches (7.6 cm) x 1.0 inch (2.5 cm)
Fork width adjustment range (outside to outside dimensions)	6.5 to 30.0 inches (17 to 76 cm)
Load rating capacity (per SAE J1197)	335 lbs (152 Kg)

Stability Ratings

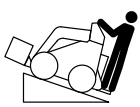


To determine the degree of slope you can traverse with the forks installed on a traction unit, find the stability rating for the hill position you want to travel in the table below, then find the degree of slope for the same rating and hill position in the Stability Data section of the traction unit operator's manual.

IMPORTANT: The forks are rated for use with the counterweight. Do not use the forks without the counterweight or the traction unit will become unstable.

Stability With a Loaded Forks

Orientation	Stability Rating
Front Uphill 	B
Rear Uphill 	D
Side Uphill 	B

Stability With Unloaded Forks

Orientation	Stability Rating
Front Uphill 	D
Rear Uphill 	B
Side Uphill 	B



WARNING



POTENTIAL HAZARD

- Exceeding the maximum slope can cause the traction unit to tip.

WHAT CAN HAPPEN

- If the traction unit tips, you or bystanders could be crushed.

HOW TO AVOID THE HAZARD

- Do not drive the traction unit on a slope steeper than the maximum slope.

Installation

Loose Parts

DESCRIPTION	QTY.	USE
Adjustable forks frame	1	Assemble and install on traction unit
Forks	2	
Mounting pin	1	
Roll pin	2	

Assembling the Forks

- Remove the roll pin from one end of the mounting pin (Fig. 2).
- Slide the mounting pin through the brackets on the frame and the sockets on the forks as illustrated in Figure 2.

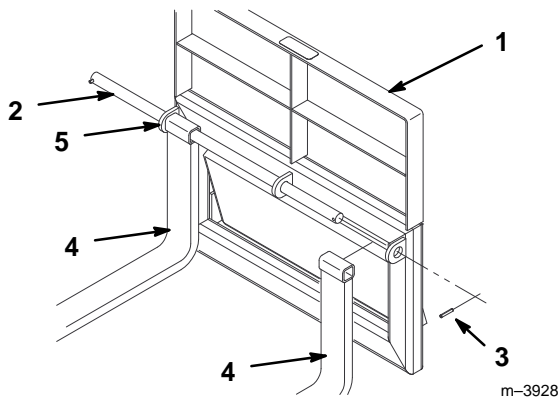


Figure 2

- | | |
|---------------------------|------------|
| 1. Adjustable forks frame | 4. Fork |
| 2. Mounting pin | 5. Bracket |
| 3. Roll pin | |

3. Replace the roll pin in the end of the mounting pin.

Installing the Forks on the Traction Unit

IMPORTANT: Before installing, ensure that the mount plates are free of any dirt or debris.

1. Ensure that the attachment is positioned on a level surface with enough space behind it to accommodate the traction unit.
2. Move the pump control lever to the slow (turtle) position, then start the engine.
3. Slowly push the attachment tilt lever forward to tilt the mount plate forward.
4. Position mount plate into the upper lip of the receiver plate on the forks (Fig. 3).

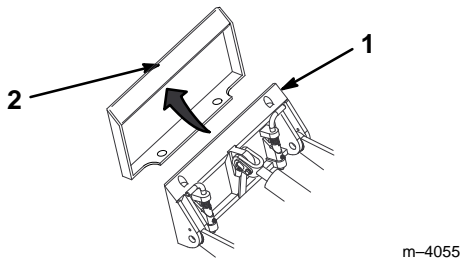


Figure 3

- | | |
|----------------|-------------------|
| 1. Mount plate | 2. Receiver plate |
|----------------|-------------------|

5. Raise the loader arms while tilting back the mount plate at the same time.

IMPORTANT: The attachment should be raised enough to clear the ground and the mount plate should be tilted all the way back.

6. Stop the engine.
7. Engage the quick attach pins (Fig. 4).

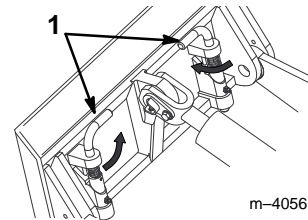


Figure 4

1. Quick attach pins (shown in engaged position)

Removing the Forks from the Traction Unit



1. Start the engine and lower the forks to the ground or onto a trailer.
2. Stop the engine.
3. Disengage the quick attach pins by turning them to the outside.
4. Start engine, tilt the mount plate forward and back the traction unit away from the forks.

Operation

Operating Tips

- To adjust the forks, slide them along the mounting pin to the desired width. The forks should always be adjusted to the widest possible setting to ensure that the load will be as stable as possible.
- When transporting a load, keep the forks as close to the ground as possible.
- Never use the forks for prying as damage may occur.
- Never attempt to lift more than the rated lift capacity of the traction unit.

Maintenance

**CAUTION**

POTENTIAL HAZARD

- If you leave the key in the ignition switch, someone could start the engine.

WHAT CAN HAPPEN

- Accidental starting of the engine could seriously injure you or other bystanders.

HOW TO AVOID THE HAZARD

- Remove the key from the ignition switch before you do any maintenance.

Storage

1. Before long term storage, wash the attachment with mild detergent and water to remove dirt and grime from the entire attachment.
2. Paint all scratched or bare metal surfaces. Paint is available from your Authorized Service Dealer.
3. Store the attachment in a clean, dry garage or storage area. Cover it to protect it and keep it clean.

