

STUMP BUCKET

OPERATING MANUAL



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Thank you

Metz Welding, Inc. would like to express our sincere thanks and gratitude for your purchase of our quality skid steer attachment(s).

For over 38 years, Metz Welding, Inc has provide the farm and construction industry with innovative ideas for efficient and dependable means of material handling. Now, with the increasing popularity of front attachments, Metz Welding has again met the challenge and provided the market with an attachment that will allow efficient use in material handling.

Features such as quality construction, ease of maintenance, and high performance operating capacities all at a low price, make our attachments one of the most efficient products ever. With proper care and handling, it will provide you many years of dependable service.

Before using your attachment, please read through this manual and become familiar with the safety, maintenance and operation procedures.

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**WARNING!**

Anyone who will operate or work around an attachment should first read this manual.

SAFETY

Safety is a primary concern in the design of our products. Unfortunately, our efforts to provide safe equipment can be wiped out by an operator's single careless act.

In addition to the design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern, judgement, and proper training of personnel involved in the operation, transport, maintenance, and storage of equipment.

It has been said "The best safety device is an informed, careful operator." We ask you to be that kind of operator.

TRAINING

Safety instructions are important! Read all attachment and power unit manuals; follow all safety rules and safety decal information.

- If you do not understand any part of this manual and need assistance, see your dealer.
- Know your controls and how to stop engine and attachment quickly in an emergency.
- Operators must be instructed in and be capable of the safe operation of the equipment, its attachments, and all controls. Do not allow anyone to operate this equipment without proper instructions.
- Never allow children or untrained persons to operate equipment.

PREPARATION

- Check that all hardware is properly installed.
- Make sure attachment is properly secured, adjusted, and in good operating condition.
- Attachment coupler handles must always be rotated to LOCK POSITION to prevent coupler latch from disengaging and attachment from falling off.
- Always wear relatively tight and belted clothing to avoid getting caught in moving parts. Wear sturdy, rough-soled work shoes and protective equipment for eyes, hair, hands, hearing, and head and respirator or filter mask where appropriate.
- Make sure attachment is properly secured, adjusted, and in good operating condition.
- Power unit must be equipped with ROPS or ROPS cab and seat belt. Keep seat belt securely fastened.
- Falling off power unit can result in death from being run over or crushed. Keep foldable ROPS system in "locked up" position at all times.
- Make sure all safety decals are installed. Replace if damaged.

- Make sure shields and guards are properly installed and in good condition. Replace if damaged.
- To help prevent tractor/loader instability, never exceed the capacity of the tractor/loader used with the stump bucket. To increase stability, adjust tires to maximum possible width.

OPERATION

- Keep bystanders away from equipment.
- Do not operate or transport equipment while under the influence of alcohol or drugs.
- Never allow riders. Do not lift or carry anybody on the loader or in the bucket or attachments.
- Power unit must be equipped with ROPS or ROPS cab and seat belt. Keep seat belt securely fastened. Falling off power unit can result in death from being run over or crushed. Keep foldable ROPS system in "locked up" position at all times.
- Always sit in power unit seat when operating controls or starting engine. Securely fasten seat belt, place transmission in neutral, engage brake, and ensure all other controls are disengaged before starting power unit engine.
- Look down and to the rear and make sure area is clear before operating in reverse.
- Avoid loose fill, rocks, and holes. They can be dangerous for loader operation or movement.
- Allow for loader length when making turns.
- Stop the loader arms gradually when lowering or lifting.
- Use caution when handling loose or shiftable loads.

MAINTENANCE

- NEVER GO UNDERNEATH EQUIPMENT. Never place any part of the body underneath equipment or between moveable parts even when the engine has been turned off. Hydraulic system leak-down, hydraulic system failures, mechanical failures, or movement of control levers can cause equipment to drop or rotate unexpectedly and cause severe injury or death.
 - Service work does not require going underneath.
 - Read Operator's Manual for service instructions or have service performed by a qualified dealer.
- Before dismounting power unit or performing any service or maintenance, follow these steps: disengage power to equipment, lower the 3-point hitch and all raised components to the ground, operate valve levers to release any hydraulic pressure, set parking brake, stop engine, remove key, and unfasten seat belt.
- Do not modify or alter or permit anyone else to modify or alter the equipment or any of its components in any way.
- Make sure attachment is properly secured, adjusted, and in good operating condition.
- Keep all persons away from operator control area while performing adjustments, service, or maintenance.
- Tighten all bolts, nuts, and screws to torque chart specifications. Check that all cotter pins are installed securely to ensure equipment is in a safe condition before putting unit into service.
- Make sure all safety decals are installed. Replace if damaged.

STORAGE

- Block equipment securely for storage.
- Keep children and bystanders away from storage area.

OPERATION

The operator is responsible for the safe operation of this equipment. The operator must be properly trained.

Operators should be familiar with the equipment, the tractor, and all safety practices before starting operation.

The stump bucket is designed to dig up trees and brush.

Follow these safety tips:

- Never handle large, heavy objects, which could cause tractor to roll over or upend and could cause the load to roll or slide down the loader arms onto the operator.
- Never lift the loader higher than necessary to clear the ground.
- When necessary, ballast the tractor rear to compensate for the load.
- Move slowly and carefully.
- Avoid rough terrain.
- Stop the loader gradually when lowering or lifting loads.

*Safety instructions are important! Read all attachment and power unit manuals; follow all safety rules. Failure to follow instructions or safety rules can result in serious injury or death.

*Operators must be instructed in and be capable of the safe operation of the equipment, its attachments, and all controls. Do not allow anyone to operate this equipment without proper instructions.

*To prevent tractor/loader instability, never exceed the capacity of the tractor/loader used with the stump bucket. To increase stability, adjust tires to maximum possible width.

CONNECTING ATTACHMENT TO SKID STEER:



DANGER: Never enter the area underneath the coupler or any part of the attachment when it is in the raised position to avoid an accident that will result in Death or Serious Injury.

Verify that the mounting plate is free from dirt and debris. When clear, move the skid steer to proximity of attachment plate. Tilt skid steer coupler forward to align coupling point with the upper part on the attachment plate and raise the coupler slightly.

When the top edge of the coupler is seated in the top part of the coupler plate, roll the skid steer tilt function back until the attaching plate is flat against the skid steer coupler. Lock down the coupler levers. NOTE: If your skid steer is equipped with a hydraulically operated coupler, activate the coupler lock at this time.

PRE-OPERATION CHECK LIST

(Owner's Responsibility)

- Review and follow all safety rules and safety decal instructions.
- Check that all safety decals are installed and in good condition. Replace if damaged.
- Check that equipment is properly and securely attached to tractor.
- Check that all shields and guards are properly installed and in good condition. Replace if damaged.
- Check that all hardware is properly installed and secured.
- Do not allow riders.
- Make sure tractor ROPS or ROPS cab and seat belts are in good condition. Keep seat belt securely fastened during operation.

PREPARING TRACTOR

For optimum stability with the loader installed, add weight to the rear of the tractor with rear wheel weights or liquid ballast.

To increase tractor stability, move the tractor rear wheels to the tractor manufacturers' widest recommended setting.

To prevent injury or death from rollover accidents, the tractor must be equipped with an approved ROPS and seat belt.

INSPECTION, LUBRICATION AND MAINTENANCE

Lower the stump bucket to the ground and shut off engine before adjusting, lubricating, or servicing the loader.

Inspect all pins and grease fittings before each use and lubricate with heavy duty grease as indicated in this manual.

Periodically check all bolts for looseness and re-torque if necessary.

Before storage, be certain all hydraulic cylinders are fully collapsed so that the rod will not be exposed to the elements or damaged.




Be certain hydraulic system remains sealed at all times to prevent contamination.

Check and maintain an adequate fluid level in the tractor reservoir prior to use.

Inspect all hydraulic system hoses and fittings. Replace prior to further operation if damaged.

- Do not modify or alter or permit anyone else to modify or alter the equipment or any of its components in any way.
- Keep all persons away from operator control area while performing adjustments, service, or maintenance.
- If you do not understand any part of this manual and need assistance, see your dealer.
- Always wear relatively tight and belted clothing to avoid entanglement in moving parts. Wear sturdy, roug-soled work shoes and protective equipment for eyes, hair, hands, hearing, and head.

Periodically check all bolts for looseness and re-torque if necessary.

Bolt Diameter	 Head Markings No Marks Grade Two	 Head Markings Three Lines Grade Five	 Head Markings Six Lines Grade Eight
	Pound-Foot Value Dry	Pound-Foot Value Dry	Pound-Foot Value Dry
1/4"	5.5	9	12.5
5/16"	11	18	26
3/8"	20	33	46
7/16"	32	52	75
1/2"	50	80	115
9/16"	70	115	160
5/8"	100	160	225
3/4"	175	280	400

LIMITED WARRANTY

Metz Welding, Inc. gives a one-year limited warranty on all attachment components against defects on material and workmanship. This warranty covers defective parts only. The warranty begins on the date of purchase. Hydraulic motor and controls have a one-year warranty through their manufacturer and is contingent on whether failure of motor and/or control was a manufacturer's defect or failure was caused by external sources.

The warranty excludes any failures that are not caused by a defect in material or workmanship. This warranty does not cover accidental damage, abuse, improper handling, or normal wear.

This warranty does not cover any product that has been altered, modified, neglected, improperly maintained or used for purpose other than for which it was manufactured.

If your attachment requires warranty, call Metz Welding, Inc. at 1-608-922-6428. The cost of transportation to and from our manufacturing facility is the purchaser's responsibility.