



OPERATORS MANUAL SAFETY & WARRANTY SECTION





SAFETY FIRST

This symbol, the industry's "Safety Alert Symbol", is used throughout this manual and on labels on the front loader itself to warn of the possibility of personal injury. Read these instructions carefully. It is essential that you read the instructions and safety regulations before you attempt to assemble or use this unit.



DANGER:

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING:

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION:

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

IMPORTANT:

Indicates that equipment or property damage could result if instructions are not followed.

NOTE:

Gives helpful information



SAFETY PRECAUTIONS

Most loader equipment accidents can be avoided by following simple safety precautions. These safety precautions, if followed at all times, will help you operate your loader safely.

Understand that your safety and the safety of other persons is measured by how you service and operate this loader. Know the position and operations of all controls before you try to operate. Make sure you check all controls in a safe area before starting your work.

The safety information given in this manual does not replace safety codes, insurance requirements, federal, state, and local laws. Make sure your machine has the correct equipment required by your local laws and regulations.

1. Read and understand both the tractor and the loader Operator Manuals before using the loader. Lack of knowledge can lead to accidents.
2. It is the loader owner's responsibility to make sure anyone operating the loader reads and understands this manual first before operating the machine.
3. The tractor should be equipped with an approved rollover-protective structure (ROPS) or ROPS Cab and seat belt. Use seat belt as specified by tractor/ROPS manufacturer.
4. Do not lift or carry anybody on the loader, bucket or attachment.
5. Do not allow bystanders in loader work area.
6. Never allow anyone to get under the loader bucket or attachment or reach through the loader boom when the bucket or attachment is raised.
7. Do not walk or work under a raised loader bucket or attachment unless it is securely blocked and held in position.
8. Use extreme caution when operating on a slope; always operate up and down the slope, never across the slope.
9. Add wheel ballast and/or rear weight to counterbalance tractor/loader for stability at maximum loader capacity. Additional counterweight requirements will vary with loader attachments and equipment application.
10. Move the wheels to the tractor manufacturer's widest recommended settings to increase stability.
11. For better stability, always use a tractor equipped with a wide front axle, never use a tractor equipped with a tricycle type front axle.
12. Move and turn the tractor at low speeds.
13. Never travel at high speeds with bucket loaded.
14. Carry loader boom at a low position during normal operation.
15. Use caution when operating the loader with a raised bucket or attachment. A raised loader changes the center of gravity of the machine and increases the possibility of tip over.
16. Avoid driving over loose fill, rocks, holes, or anything that may be dangerous for loader operation or movement.
17. Avoid overhead wires and obstacles when loader bucket or attachment is raised. Electrocutation can occur with or without contact.
18. Check for underground utilities before digging below grade level.
19. Allow for the loader length when making turns.
20. Gradually stop the loader boom when lowering or lifting.
21. Use caution when handling loose or unstable loads.
22. When servicing the loader or leaving operator's seat for any reason, always:
 - A. Lower the loader to ground.
 - B. Turn on Comfort Drive, if equipped
 - C. Apply the parking brake securely
 - D. Shut off the engine
 - E. Turn on tractor switch so Comfort Drive Solenoid is energized.
 - F. Release all hydraulic pressure in all circuits by moving hydraulic control lever or levers in all positions.
 - G. Return lever or levers to neutral position.
 - H. Turn off tractor switch and remove the key.
23. Operate the loader controls only when properly sitting on the tractor seat.
24. Visually check for hydraulic leaks and broken, missing, or malfunctioning parts. Make necessary repairs before operation.
25. Escaping hydraulic fluid under pressure can have sufficient force to penetrate the skin, causing serious personal injury. Do not use HANDS to search for suspected leaks. If injured by escaping fluid, obtain medical treatment immediately.
26. Before disconnecting hydraulic lines, relieve all hydraulic pressure.

27. Do not tamper with the relief valve setting.
28. Never use loader for handling large heavy objects, such as large round or rectangular bales, logs, and oil drums unless loader is equipped with attachment that is designed to handle such objects.
29. Handling large heavy objects can be extremely dangerous due to:
 - A. Danger of rolling the tractor over.
 - B. Danger of upending the tractor.
 - C. Danger of the object rolling or sliding down the loader boom onto the operator.
30. If you must handle large heavy objects, protect yourself by:
 - A. Using caution, moving slowly, and avoiding bumps and rough ground.
 - B. Never lifting the load higher than necessary to clear the ground.
 - C. Adding rear ballast to the tractor to compensate for the load.
 - D. Never lifting large heavy objects that may roll or fall on the operator.
31. Operate the tractor and loader such that complete control and machine stability is maintained at all times.
32. Always wear safety goggles when servicing or repairing the machine.
33. When servicing or replacing pins in cylinder ends, bucket, etc., always use a brass drift and hammer. Failure to do so could result in injury from flying metal fragments.
34. Replace damaged or illegible safety labels. See following pages for required labels.
35. Do not modify, alter, or permit anyone else to modify or alter the loader, any of its components, or any loader function without first consulting a KMW dealer.
36. Assemble, remove, and reinstall the loader only as directed in this manual. Failure to do this could result in serious personal injury or death.
37. Never tow from any point of the loader with a chain, rope, or cable. Doing so could cause a roll over or serious damage to the loader.
38. Never lift any load from any point of the loader with a chain, rope, or cable unless loader is equipped with a KMW factory approved attachment which was designed and built for this type of lifting. Always follow lifting instructions included with these attachments.
39. When a front loader is mounted on the tractor, enter and exit the operator's seat only from left side of tractor.
40. Always park loader with a KMW attachment attached to the loader.
41. Special care should be taken to park or store attachments with points or sharp edges in a safe manner.
42. Make sure all parked loaders are on a hard level surface. Engage all safety devices to prevent loader from falling and being damaged or injuring someone. Do not repair loader if it is not mounted on the tractor. Loss of hydraulic fluid or removal of parts could cause loader to collapse resulting in injury.
43. Before starting engine, be sure all operating controls are in neutral or park lock position.
44. When using remote hydraulic tractor valves on some tractors, the loader lift and dump cylinders will continue moving unless the control lever/levers are manually returned to neutral, or until relief pressure is reached at the ends of piston strokes. Observe the bucket or attachment movement and maintain control with the lever/levers.
45. Be certain lights and safety markings as provided by the tractor manufacturer are clean and operating when transporting the tractor/loader on public roads. Be certain that the Slow Moving Vehicle (SMV) emblem is visible. Check with local law enforcement for specific requirements.
46. When using a loader be alert of bucket or attachment position at all times. Loader in raised position with attachment rolled back can dump material onto tractor causing damage or injury to tractor and/or operator.
47. The loader may shift during shipping and handling, making it unstable on the pallet. Support loader with an overhead hoist or other suitable means prior to removing bands or attaching straps securing loader to pallet. Failure to do so could result in accidental tip-over of the loader that could cause serious injury to you and/or bystanders.
48. Do not service the loader while the tractor engine is running.
49. Do not use the loader to raise the tractor in order to perform service on the tractor and/or the loader.
50. Always turn on Accumulator (Comfort Drive), lower loader/attachment to ground and relieve hydraulic pressure from system, before servicing unit. Failure to follow these instructions could result in personal injury.
51. Do not operate without confirmation that coupler pins are fully engaged. Loader attachment can fall off if not properly attached. To avoid serious injury or death:
 - A. Only use loader manufacturer approved attachments.
 - B. Read all operators manuals and decals before operating. Follow all safety operating, and service instructions. Contact dealer for replacement parts.
52. Never turn comfort drive on while tractor is moving. Loader movement could cause loader to lower causing attachment or material being moved to contact ground. Failure to follow these instructions could result in personal injury or property damage.
53. When using hydraulic self leveling with Skid Steer Quick Attachment, only use attachments with a 20° angle. Failure to follow these instructions could cause Self Leveling not to function correctly causing personal injury and/or tractor damage.



SAFETY DECALS



! WARNING

1. Add recommended rear wheel ballast and/or rear counter-weight for stability.
2. Move wheels to widest recommended setting to increase stability.
3. Move and turn tractor at low speeds.
4. In transport carry the load low.
5. Lower loader to the ground when parked.
6. Before servicing or adjusting equipment:
 - * Turn on accumulator (Comfort drive if installed)
 - * Lower loader to the ground.
 - * Shut off engine.
7. Relieve hydraulic pressure before disconnecting oil lines.
8. Observe safety recommendations in Loader Operations Manual.

0595-3084

! WARNING

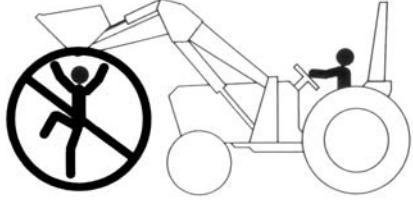
Always turn on Accumulator (Comfort Drive), lower loader/attachment to ground and relieve hydraulic pressure from system, before servicing unit.

Failure to follow these instructions could result in personal injury.

0595-3085

*Located on Accumulator Mounting Plate.
See Comfort Drive Section.*

! WARNING



Crushing Hazard

Stay away from under lift arms and bucket!

1. Do not stand or work under a raised loader.
2. Support bucket and lift arms before working under loader.
3. Lower loader to the ground before leaving seat.

0595-3001

! DANGER



Keep machine clear of overhead power lines to avoid death or serious injury.

0595-3002

! WARNING

Do not operate without confirmation that coupler pins are fully engaged. Loader attachment can fall off if not properly attached.

To avoid serious injury or death:

- Only use loader manufacturer approved attachments.
- Read all operators manuals and decals before operating. Follow all safety, operating, and service instructions. Contact dealer for replacement parts.

0595-3051



SAFETY DECALS



⚠ WARNING



To prevent rollback onto operator - use special loader attachments for handling large objects such as stumps and large round bales.

Transport load as low as possible to avoid overturning.

0595-3003

⚠ CAUTION

Be sure to purge all the air from the hydraulic system before attempting to raise or lower this machine. Refer to operators manual for further details.

0595-3062

IMPORTANT

To keep mounting kit hardware from loosening during loader operation, hardware must be torqued to specifications noted in operator manual. 0595-3087

⚠ WARNING

1. Read the operator's manual for complete operating instructions and safety information before operating the loader.
2. Be certain anyone operating the loader is aware of safe operating practices and potential hazards.
3. Operate the loader from the operator's seat only.
4. Do not lift or carry anyone on loader or work from bucket or attachment.
5. Do not walk or work under raised loader or bucket or attachment unless it is securely supported.
6. Avoid loose fill, rocks and holes; they can be dangerous for loader operation or movement.
7. Use extra caution when working on inclines.
8. Avoid overhead powerlines or obstacles when loader is raised.

0595-3004

⚠ CAUTION

To prevent bodily injury and loader instability when detaching loader, equip loader with a material bucket or a manure fork.

0595-2190

LIMITED WARRANTY STATEMENT

KMW Ltd., herein referred to as KMW, warrants each new KMW product to be free from defects in material and workmanship. This warranty is applicable only for the normal service life expectancy of the product, not to exceed 12 consecutive months for all hydraulic components and loader attachments and 24 consecutive months on all other loader components from the date of delivery of the new KMW product to the original purchaser.

Genuine KMW replacement parts and components will be warranted for 90 days from date of purchase, or the remainder of the original equipment warranty period, whichever is longer.

Under no circumstances will it cover any merchandise or components thereof, which, in the opinion of the company, has been subjected to misuse, unauthorized modifications, alteration, an accident or if repairs have been made with parts other than those obtained through KMW. Additionally, the warranty shall only be effective if the owner/dealer responsibilities contained herein are adhered to.

The company in no way warrants tractors, engines, batteries, tires or other trade accessories since these items may be warranted separately by their respective manufacturer and are not manufactured by KMW.

Our obligation under this warranty shall be limited to repairing or replacing, free of charge to the original purchaser, any part that, in our judgement, shall show evidence of such defect, provided further that such part shall be returned within thirty (30) days from date of failure to KMW routed through the dealer from whom the purchase was made, transportation charges prepaid and the other conditions hereof are complied with.

This warranty shall not be interpreted to render KMW liable for injuries or damages of any kind or nature to person or property. This warranty does not extend to the loss of crops, loss because of delay in harvesting, or any expense or loss incurred for labor, substitute machinery, rental or for any other reason.

Except as set forth herein, KMW shall have no obligation or liability of any kind on account of any of its equipment and shall not be liable for special or consequential damages. KMW makes no other warranty, expressed or implied, and, specifically, KMW disclaims any implied warranty or merchantability or fitness for a particular purpose. Some states or provinces do not permit limitation or exclusions of implied warranties or incidental or consequential damages, so the limitations or exclusion in this warranty may not apply in those areas only.

This warranty is subject to any existing conditions of supply, which may directly affect our ability to obtain materials or manufacture replacement parts.

KMW reserves the right to make improvements in design or changes in specifications at any time, without incurring any obligation to owners of units previously sold. No one is authorized to alter, modify or enlarge this warranty nor the exclusion, limitations and reservations. Other restrictions, conditions and responsibilities with respect to the warranty are set forth in the following pages and are fully applicable to the warranty herein provided.

1. ITEMS NOT COVERED UNDER WARRANTY

This warranty only covers those items listed on warranty statement and does not include, among other things, the following:

1. Loaders that warranty registration has not been completed and returned within 10 days of retail sale.
2. Travel time, mileage, meals and lodging.
3. Overtime premiums.
4. Labor time for phone, fax or other consultation between dealers, sales or service management personnel, operators, owners, etc.
5. Replacement of hydraulic oil or steam cleaning product after oil leaks.
6. Any problems related to the mechanical or physical failure of the tractor.
7. Reimbursement for rental units while repairing warranty items.
8. Normal installation and/or pre-delivery procedures, including mounting, lubricating, tightening bolts, fittings, hoses and clamps and maintaining oil levels.
9. Dealer rework due to faulty repair or installation.
10. Bent bucket cylinder rods.
11. Valve spool sticking or leakage caused by contaminated oil.
12. Hydraulic cylinder head cap damage caused by external forces applied to end of cylinder head.
13. Damage or malfunctions resulting from natural calamity, theft, accident, vandalism, abuse due to misapplication, improper site conditions, incorrect maintenance, negligence, unauthorized modifications and/or alterations.
14. Normal maintenance items such as: adjustments, oil changes, lubricating and tightening of bolts, fittings, hoses, and clamps.
15. Parts that engage or contact the working material or normal wearing parts, such as bucket teeth and blade cutting edges.
16. Repair by other than an authorized dealer of the distributor.
17. Switching mounts from one prime mover to another.
18. Exceeding the maximum hydraulic pressure setting from the factory.
19. Alterations or modifications made without express written consent by the distributor or manufacturer.
20. Use of non-factory attachments and parts, attachments and parts made up or purchased from sources other than distributor or manufacturer.
21. Shipping costs other than normal ground transportation.
22. Warranty work completed after 30 days from failure.
23. Claims submitted after 15 days from repair.
24. Claims made under fraudulent situations.

2. WARRANTY RESPONSIBILITIES

The warranties provided herein shall only apply when:

Owner Responsibilities

1. Following safety procedures and guidelines as described in the Operator's Manual.
2. Performing all normal and preventive maintenance.
3. Lubrication of machine as specified in operator's manual.
4. Keeping all bolts torqued to specifications.
5. Keeping all safety equipment installed and in working condition.
6. Keeping all filters clean.
7. Repairing all minor hydraulic leaks, such as loose hoses and fittings.
8. Replacing any decals that may be damaged or illegible.
9. Operating the unit only in a safe manner.
10. Using qualified operators who have read and thoroughly understand the operator's and safety manuals.
11. Operating within unit design specifications.
12. Reporting all accidents to the distributor.