

Title of Training	Mini Skid Steer Training	
Equipment Info.	Make/Type/Size/Model	
Material Needed	Operations Manual-Skid Steer for Hands-On Training-Open Area to Perform Hands On-Orange Cones for Serpentine Course	Hands-On Session- All participants will be required to perform a pre-operational inspection and operating control demonstration. A work assignment must be performed using the loader bucket in a variety of applications, while traveling and turning with the bucket loaded and empty.

Mini Skid Steer Training



OPERATION

Understanding the machines capabilities and the safety procedures while in use.

- NEVER operate this or any other equipment under the influence of drugs or alcohol.
- Prior to driving / using this equipment an operator should always read all manufacturer’s manuals about the skid steer and its attachments.
- Familiarize yourself with warning devices, gauges, and controls. Study operating procedures outlined in the manual.
- Check for obstacles or soft soil conditions in the work area.
- Check for overhead items (i.e., branches, doorways, electrical wires) or other easily broken items within the turning radius of the machine. And do not contact them.
- Use a spotter whenever work is being done in a high traffic, tight, or load areas or anywhere that may require a spotter.
- Operators must NEVER permit riders on skid steer loaders or any of the attachments.
- Adjust speed to suit working conditions and terrain. Avoid sudden stops, starts, or turns.
- Except for the operator, employees should not be near the machine or its attachments when it is operating.
- Evaluate the terrain to determine what accessories and attachments are needed to perform the job properly and safely. Only use accessories and attachments approved by the manufacturer.
- Inspect the work area where the equipment is to be used and remove all objects such as rocks and other small objects which can be thrown by the machine.
- Try to avoid driving over rough and “potholed” surfaces.
- Wear appropriate clothing including hard hat, safety glasses, long pants, safety shoes, and ear protection. Long hair, loose clothing or jewelry may get tangled in moving parts.
- NEVER use a mini skid steer as a tie off point for fall protection this vehicle is not heavy enough for this procedure.

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- Road travel with a skid steer is not recommended unless proper spotting and traffic control is used.
- Use extra care when handling gasoline and other fuels. They are flammable and vapors are explosive. Use only an approved container.
- Never remove the gas cap or add fuel with the engine running. Allow the engine to cool before refueling. Do not smoke near these vehicles or the fuel containers.
- Never refuel or drain the machine indoors.
- Check that the operator's presence controls, safety switches, and shields are attached and functioning properly. Do not operate unless they are functioning properly.
- Only operate in good lighting situations, keeping away from holes and hidden hazards.
- Be sure all drives are in neutral and parking brake is engaged before starting the engine. Only start the engine from the operator's position.
- Slow down and use extra care on hillsides. Be sure to travel in the recommended direction on hillsides. Turf conditions can affect the machine's stability.
- Slow down and use caution when making turns and when changing directions on slopes.
- Never operate with the guards not securely in place. Be sure all interlocks are attached, adjusted properly, and functioning property.
- Do not change the engine governor setting or over speed the engine.
- Stop on level ground, lower implements, disengage the auxiliary hydraulics, engage parking brake, shut off the engine before leaving the operator's position for any reason.
- Keep hands and feet away from moving attachments.
- Look behind and down before backing up to be sure of a clear path.
- Never carry passengers and keep pets and bystanders away.
- Slow down and use caution when making turns and crossing roads and sidewalks.
- Use care when loading or unloading the machine into a trailer or truck.
- Use care when approaching blind corners, shrubs, trees, or other objects that may obscure vision.
- Ensure that the area is clear of other people before operating the unit. Stop the unit if anyone enters the area.
- Never leave a running unit unattended. Always lower the loader arms, stop the engine, set the parking brake, and remove the key before leaving.
- Do not exceed the rated operating capacity, as the traction unit may become unstable which may result in loss of control.
- Do not carry a load with the arms raised. Always carry loads close to the ground.
- Do not over-load the attachment and always keep the load level when raising the loader arms. Logs, boards, and other items could roll down the loader arms, injuring you.
- Never jerk the controls; use a steady motion.
- Watch for traffic when operating near or crossing roadways.

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- Do not touch parts which may be hot from operation. Allow them to cool before attempting to maintain, adjust, or service.
- Before digging, have the area marked for underground utilities, and do not dig in marked areas.
- Locate the pinch point areas marked on the traction unit and attachments and keep hands and feet away from these areas.

Slope Operation

- Slopes are a major factor related to loss-of-control and tip-over accidents, which can result in severe injury or death. All slopes require extra caution.
- Do not operate the traction unit on hillsides or slopes exceeding the angles recommended in the Stability and those in the attachment operator’s manual.
- **Operate up and down slopes with the heavy end of the traction unit uphill.**
- An empty bucket will make the rear of the traction unit the heavy end, and a full bucket will make the front of the traction unit the heavy end. Most other attachments will make the front of traction unit the heavy end.
- Raising the loader arms on a slope will affect the stability of the machine. Whenever possible, keep the loader arms in the lowered position when on slopes.

Safety Measures

- Follow the instructions in the manufacturer's operating and preventive maintenance manual.
- Conduct daily pre-task meetings to ensure that all employees are aware of the correct procedures to prevent an unwanted incident and any hazards associated with the job task.
- Look for obstacles that may need to be removed. Hand digging may verify the presence or absence of underground material, including utilities.
- Prior to drilling, cut a hole in the landscape fabric sufficiently larger than the diameter of the auger to prevent contact or entanglement with the fabric.
- Except for the operator, employees should not be near the auger when it is operating.
- Employees using hand tools should not move or remove spoil-pile while the auger is operating.
- The operator should sit or stand at the operator's station while operating the auger.
- Do not modify the operator's station or disable safety controls beyond manufacturer's recommendations (for example: hold-to-run or seat switch controls).
- Remain a safe distance (a minimum of 10 feet) from the auger when helping the operator.

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Breaker attachment

- Operate the breaker in accordance with all laws and regulations which affect you, your equipment, and the work site.
- Do not operate the breaker until you have read this manual and thoroughly understand all safety, operation and maintenance instructions.
- The operator must be familiar with all prohibited work areas such as excessive slopes and dangerous terrain conditions.
- Do not operate the breaker until you have read the manufacturer's equipment manual and thoroughly understand all safety, operation, and maintenance instructions. T
- Ensure that all maintenance procedures recommended in this manual are completed before using the equipment.
- The operator must not operate the breaker or carrier if any people are within the area where they may be injured by flying debris or movement of the equipment.
- When traveling up or down slopes you must operate slopes with the heavy end (breaker end) of the unit uphill. Travel straight up and down slopes.
- Know the limits of your equipment from the manufacturer's equipment manual.
- Establish a training program for all operators to ensure safe operation.
- Do not operate the tool unless thoroughly trained or under the supervision of an instructor.
- Become familiar with the Min Skid Steer controls before operating the machine and the breaker.
- When operating the breaker you must use ear protection, eye protection, and respiratory protection.
- While learning to operate the breaker and carrier, do so at a slow pace with an experienced operator supervising you. If necessary, set the carrier mode selector to the slow position.
- Make sure all controls (levers and pedals) are in the NEUTRAL position before starting the carrier.

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Breaker attachment continued

- While operating the breaker and carrier, always keep hands and feet on the controls.
- Before leaving the carrier, always lower the boom and ensure the carrier is stable. Never leave the machine with the engine running. **ALWAYS ENGAGE THE PARKING BRAKE.**
- Stop the engine before attempting to make any repairs, adjustments or servicing to either the carrier or the breaker.
- Do not operate the tool at oil temperatures above 190 °F/88 °C. Operation at higher temperatures.

Perform daily inspections.

- Avoid blank hammering.
- DO NOT hammer in the same tool position for over thirty (30) seconds.
- DO NOT use the breaker to move material, pry material or any other use that it is not designed for.
- DO NOT submerge the breaker under water unless the breaker has been modified for underwater operation.
- Prevent contamination from entering the hydraulic hoses when mounting or dismounting the breaker from the machine.
- Maintain a clean hydraulic system.
- Replace the filter element with a new one and change hydraulic oil at the specified intervals.
- Operate the breaker carefully. DO NOT hit the boom of the machine with the breaker.

In addition to the design and configuration of this implement, including Safety Signs and Safety Equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training of personnel involved in the operation, transport, maintenance and storage of the machine.

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Trencher Attachment



Powered trenchers are used predominantly in the agriculture, landscaping, construction, and utility industries. They are commonly used to create trenches for pipe, conduit, or other installation of long items to be placed underground, parallel to the ground level.

Safety Measures

- Follow the instructions in the manufacturer's operating and preventive maintenance manual for proper use and recommended safety measures.
- Conduct daily pre-task meetings to ensure that all employees are aware of the correct procedures to prevent an unwanted incident and any hazards associated with the job task.
- Look for obstacles that may need to be removed. Hand digging may verify the presence or absence of underground material, including utilities.
- Do not attempt to touch the blade or remove any blockage while trencher is in motion or while machine is running.
- The safety bar should always be used, however this control should not be relied upon as the primary means of control.
- The greatest risk is to people working around this equipment, rather than the operator. To eliminate risk, ensure that an appropriate physical barrier is installed around the operating trencher. (Usually approximately 10 feet.)
- Ensure anyone who comes onto the work site is made aware of the operation of the trencher and is instructed to keep well clear.
- It is recommended that a spotter be used to ensure the use and those working around the trencher are safeguarded from harm.

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TRAINING

Hands on field exercises

- Pre-trip
- Proper operations
- Shutdown

Participant Field Exercises

Participants will partake in the following hands-on activities.

- Perform a pre-trip inspection of the mini skid steer loader.
- Demonstrate proper mini skid steer loader operations.
- Attaching and removing a bucket.
- Engaging and disengaging an approved lift-arm support.
- Completing a serpentine course.
- Completing a figure 8 course.

Important Notice

This Safety Training Topic (STT) does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with equipment manual. It is designed as a guide to be used to compliment training in the field at Brieser Construction and as a reminder to users prior to equipment use. If you have any questions or concerns, please contact any member of the Safety Department.

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EMPLOYEE NAME (Print or Type)	EMPLOYEE SIGNATURE	TRADE	JOB TITLE
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