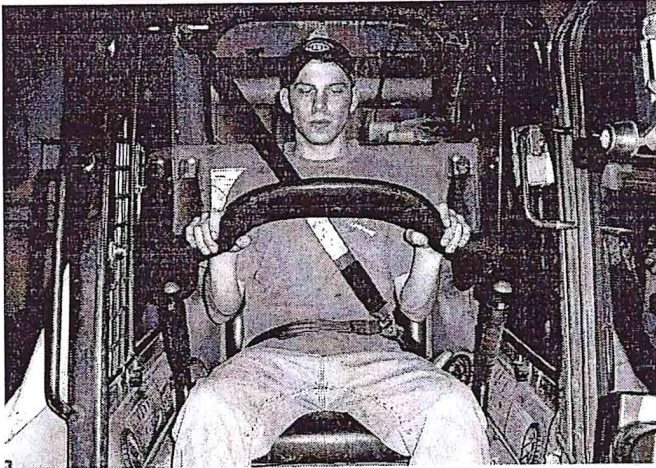


20-434

OPERATING THE MINI SOIL CONDITIONER



WARNING: *DO NOT* operate from any position other than from the operator's station.
DO NOT permit riders.



The Mini Soil Conditioner is designed to be used for seedbed preparation by leveling and pulverizing the top layer of soil.

The Mini Soil Conditioner is not designed to be used on loaders with a Rated Operating Capacity (ROC) of more than 1000 pounds.

The Mini Soil Conditioner is not designed to be used as a deep soil tiller. It is recommended that the ground be broken up if the soil is very hard and/or compacted, before using the Mini Soil Conditioner.

With the operator at the operator's station, the seat belt fastened and the seat bar lowered (if so equipped), start the engine.

Call Before You Dig
1-888-258-0808



WARNING: AVOID INJURY OR DEATH. *Keep people at least 10 feet (3m) away from machine when machine is running.*

Using the loader's tilt function, tilt the mounting plate fully backward, toward from the loader. Raise the boom as needed to allow the rotor to clear the ground. This is the position that will fully raise the drum for transporting.



CAUTION: *Do not operate the Mini Soil Conditioner at excessive ground speeds as this can cause excessive wear or damage.*



WARNING: AVOID INJURY OR DEATH. *Always call before you dig. When you call, you will be directed to a location in your state/city for information about buried lines (electric, telephone, cable TV, water, sewer, gas, etc.).*

OPERATING THE MINI SOIL CONDITIONER

Normal operation

Position the loader where the work is to be done. **Fully lower the loader's arms**, engage the hydraulic drive with the throttle set at idle. Increase the throttle to 100% for maximum power when ready to work.

Adjusting the tilling depth

Adjust the working depth by using the loader's tilt function. By tilting the mounting plate backward towards the loader, the rotor will till deeper. By tilting the mounting plate away from the loader, the rotor will till shallower. (SEE DIAGRAMS AT RIGHT)

Angling the rotor

The angle of the rotor is controlled by manual angle adjustment or the optional hydraulic cylinder (by utilizing the electric controls).

Manual angling is accomplished by removing the hitch pin and pushing one side of the rotor frame either forward or backward, depending on which direction is desired. Then, line up the hole at the desired position and replace the pin.

Hydraulic Controls

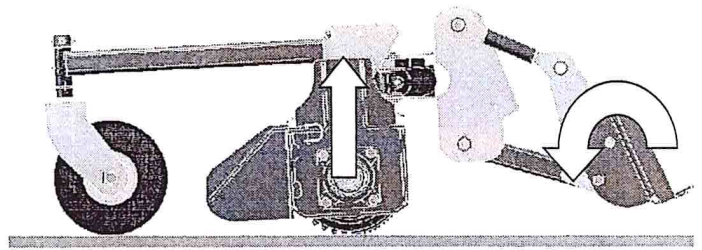
All functions can be activated by the steering lever switches in the loader (if loader is equipped), or with the generic control handle.

NOTE: *Your loader must have the attachment control kit installed to make use of the lever switches.*

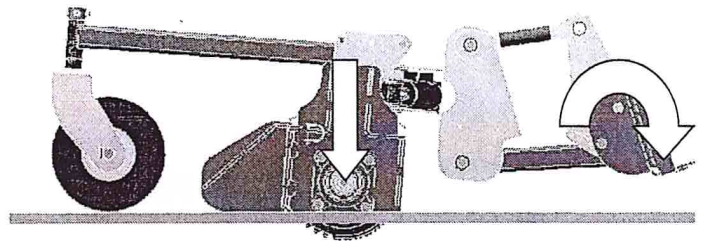
The generic control handle allows the operator to engage all functions.

NOTE: *For steering lever functions, refer to your loader's operation and maintenance manual.*

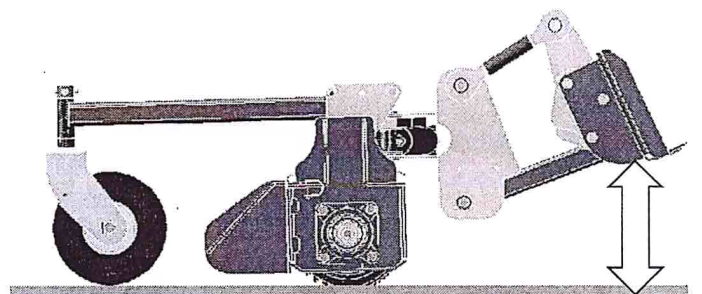
IMPORTANT: ALWAYS OPERATE THE ATTACHMENT WITH THE LOADER ARMS FULLY LOWERED. (SEE DIAGRAMS AT RIGHT)



**CORRECT LOADER ARM POSITION
(FULLY LOWERED)
ROLLING PLATE FORWARD = LESS DEPTH**

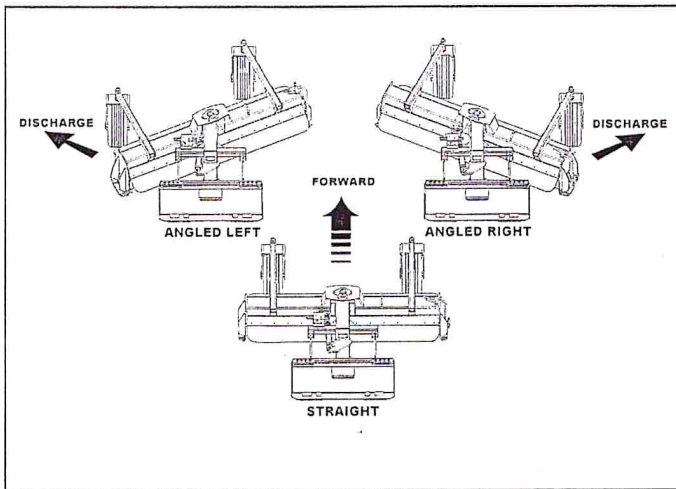


**CORRECT LOADER ARM POSITION
(FULLY LOWERED)
ROLLING PLATE BACK = MORE DEPTH**



**INCORRECT LOADER ARM POSITION
(RAISED)
FLOAT LINKS WILL NOT OPERATE
CORRECTLY**

OPERATING THE MINI SOIL CONDITIONER



Before starting work in an area, be sure to survey the entire area carefully so that there aren't any obstructions that may interfere with the operation or damage the attachment.



CAUTION: *Do not operate in soils with rocks larger than 6" as this can damage the rotor and teeth.*

CLEARING

Usually, clearing an area of rocks is the final operation, except for areas that have abundant rocks. When clearing rocks, it is necessary to set the Mini Soil Conditioner at a very shallow depth, just touching the soil. Pick up the windrows before they become too large.

NOTE: *Remove the "windrow side" wing when windrowing with the Mini Soil Conditioner to prevent from damaging it.*

TILLING

Tilling is the main operation of the Mini Soil Conditioner. The tilling depth should be 1 to 2 inches in order to loosen the soil. Rock jamming could occur if the rotor depth is too great. Deep tilling should only be done in an area that is rock free.

If the rotor stops turning due to hydraulic relief, the overload could be caused by a rock or root caught between the rotor and frame. In order to remove the obstruction, reverse the rotor. If this fails to remove the obstruction, disengage the hydraulics, shut off the loader, and remove the obstruction.

LEVELING

Leveling is done when tilling. Shallow settings give a smoother seedbed, while deeper settings level the ground better.

Experience will give the operator a better feel for the best settings to use in each situation.

IMPORTANT: *When shutting down the Mini Soil Conditioner, always throttle down the loader before shutting off the auxiliary hydraulics. Failure to do this may damage the Mini Soil Conditioner.*