

Operate Safely

Towing

Use extreme caution as some machines may not be towed. Refer to the manufacturer's manual(s) for specific towing instructions.

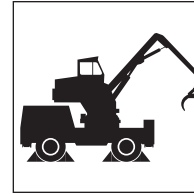
WARNING! Prevent possible injury from unexpected machine movement. **Block the machine to prevent movement before releasing the brakes.** Sudden unexpected movement of the machine could result in death or serious injury.

WARNING! Prevent possible injury from a runaway machine. **Ensure that the towing linkage is properly connected, adequate for the purpose and that steering and braking are fully controlled. Ensure that the towing machine(s) are large enough to control the towed machine.**

Never straddle a tow line or stand near a tow line under tension.

Parking

Park the machine in a designated area out of traffic—preferably on level ground, free of forest debris and 50 ft (15 m) from other machines. Engage the parking brake,



**Block
Machine Before
Releasing
Brake**



**Prevent
Runover –
Control Machine**

lower the attachment to the ground with slight down pressure and engage the control/gate lock. If you park on a slope or incline, securely block the tires or tracks.

If freezing conditions are expected, wheels or tracks should be first cleared of mud and dirt and the machine parked on planks or suitable debris.

Public roads are not suitable for parking. If your machine is disabled or you must park on a public road, barricade and mark the machine according to local and worksite regulations.

Shut Down Safely

Machine Shutdown

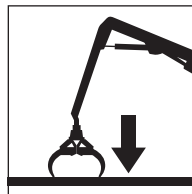
Properly shutting down a knuckleboom log loader can help prevent accidents, including fire, from occurring when the knuckleboom log loader is left unattended. Shut down the knuckleboom log loader following the specific procedures in the manufacturer's operator manual.

A typical list includes:

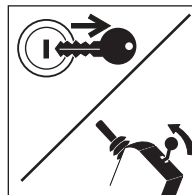
- Stop the machine—using service brake.
- Make sure the area is clear of forest debris and personnel.
- Shift controls to neutral/park including auxiliary hydraulic controls.
- Engage parking brake.
- Lower the attachment to the ground.
- Idle engine for short cool down period.
- Stop engine.
- Cycle all hydraulic controls to relieve system pressure.
- Engage the gate lock or control locking device.
- Remove ignition key or disable keyless ignition.
- Shut off main power disconnect switch if equipped.
- Dismount.
- If on a slope or incline, block tracks or tires.



Engage Brakes



Lower Attachment



**Shut Off Engine,
Remove Key, Engage
Control Lock**

Shut Down Safely

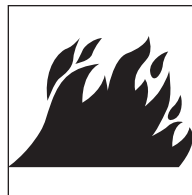
- Check for and clean out trash build-up especially in the engine compartment, battery box, around exhaust components, in confined spaces, under the machine and around rotating components.
- Lock the cab.

Help prevent fire—park 50 ft (15 m) from other machines in an area free of debris. Check for leaks and clean machine of debris. Turn off main electrical disconnect. It is good safety practice to stay with the machine for thirty minutes after shutdown. Have an operable fire extinguisher **at hand** in the event a fire were to occur.

Safe Dismounting

Never dismount from moving equipment. Observe proper shutdown practices before dismounting. Check for slippery steps and handholds.

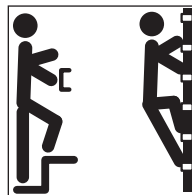
Dismount carefully using three-point support facing the machine. Three-point contact is defined as maintaining contact with at least one hand and two feet, or two hands and one foot, at all times. Keep your hands and feet away from the controls. Never jump off the machine. (See page 20, **Mount and Dismount Properly**.)



**Prevent Fire –
Clean Up, Observe
Machine After
Shutdown**



**Have An
Operable Fire
Extinguisher(s)
AT HAND**



**Use Three-Point
Contact And Face
Machine**