

Operate Safely

Watch Out For Hazards

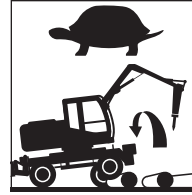
Avoid traveling over obstacles (logs, tree stumps, rough terrain, ditches) whenever possible. If you must cross an obstacle, do so with extreme caution.

WARNING! If the machine begins to tip, roll or slide, stay in the machine with the seat belt securely fastened. Trying to escape from a tipping or rolling machine could result in death or serious injury.

If the machine ever becomes unstable and starts to tip, or roll over:

- Immediately and rapidly lower the attachment.
- Steer downhill if on an incline.
- Brace both feet on the floor and push back into the seat.
- Stay with the machine.
- Keep seat belt/operator restraint securely fastened.
- Hold on firmly and lean away from the point of impact.

Know and follow manufacturers instructions for proper operation of alternate/emergency exits.



**Travel Slowly Over
Rough Hazardous
Terrain**



**Fasten Seat Belt –
Stay In
Operator's Seat**

Operate Safely

Safety Precautions

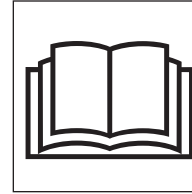
Choose an area with firm level ground for operation.

Before operating the mounted hydraulic breaker, engage the parking brake. Shift the transmission controls to neutral, lower the stabilizers (if so equipped), and level the machine as much as possible. If equipped with a leveling device, level the upperstructure as much as possible. Always make sure that you follow the manufacturer's recommendations before you operate.

Never reach into the machine and attempt to operate the controls from outside the cab.

Before starting operations, set up safety barriers to the sides and rear area of the swing pattern to prevent anyone from walking into the working area.

If the machine is equipped with stabilizers, follow the manufacturer's operator manual for instructions on proper use of stabilizers and restrictions on operating without stabilizers. Clear all personnel from area before raising or lowering stabilizers.



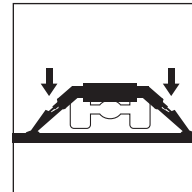
Read and Understand Manuals Before Operating



Read and Understand Machine Signs



Clear Bystanders From Area



Lower Stabilizers Before Operating

Operate Safely

Make sure that you are aware of personnel or machines that may be hidden behind piles or stacks of material or in blind spots on the worksite.

WARNING! Prevent possible death or serious injury. **Do not allow others within the safety zone.** Death or serious injury can result from contact with moving parts of the machine or attachment.

WARNING! Prevent possible death or serious injury. **Never lift, move or swing the attachment over any one or any occupied machine cab.**

Warn others by sounding the horn, if equipped, before starting operations or first moving the machine.

Always make sure you follow all of the manufacturers' recommendations and work site rules before you start operating the mounted hydraulic breaker.

Hand Signals

A legible chart depicting and explaining the system of hand signals used should be conspicuously posted.

Do not begin operation until signals are clearly understood. The operator shall respond to operating signals only from the appointed signal person, but shall obey a stop signal at any time from anyone. A designated signal person, fully qualified by training or experience, shall be provided when the point of operation is not in full and direct view of the operator, unless an effective signaling or control device is provided for safe direction of the operator.

The signal person must be in a well-lighted area to be clearly and directly visible to the operator during nighttime operations.



**Know Hand
Signals – Take
Signals from One
Person Only**

Operate Safely

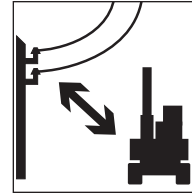
Utilities – Overhead And Underground

DANGER! Electrocutation or serious injury will result from **CONTACTING** or **APPROACHING** power lines or apparatus. **Maintain Minimum Approach Distance.** (See chart.)

DANGER! Death or serious injury will result from touching or being near a machine that is in contact with or near an energized electrical source. **Never approach power lines with any part of the machine or attachment unless all local, state/provincial and federal (OSHA) required safety precautions have been taken.** Use extreme caution because high voltage sources can arc without contact.

REQUIRED CLEARANCE FOR NORMAL VOLTAGE IN OPERATION NEAR HIGH VOLTAGE POWER LINES		
Normal Voltage, kV (Phase to Phase)	Minimum Approach Distance [Note (1)]	
	ft	(m)
to 50	10	(3.05)
Over 50 to 200	15	(4.6)
Over 200 to 350	20	(6.1)
Over 350 to 500	25	(7.62)
Over 500 to 750	35	(10.67)
Over 750 to 1,000	45	(13.72)

NOTE: (1) Environmental conditions such as fog, smoke, or precipitation may require increased clearances.



**Do Not
Approach Energized
Power Lines**



**Stay Clear
of Energized
Equipment**

Check overhead clearances; know the margin of safety. If possible, have power to the lines de-energized and visibly grounded. If not possible, request a signal person for guidance to maintain at least a Minimum Approach Distance. (See chart.).

If machine or attachment contacts an energized line, stay in the machine and attempt to break contact. Warn others to stay away from the machine. If the machine catches fire and you are forced to leave, jump clear of the machine with both feet together and hop away. **DO NOT** touch machine and ground at the same time. Do not walk or run.