

Towing Safety

TOWING SAFETY:

- **ALWAYS confirm all local and state regulations regarding towing, licensing, and lights before towing your log splitter.**
- **Check tire pressure and condition of tires before attempting to tow the unit.**
- NEVER allow anyone to ride on your log splitter.
- NEVER move your log splitter over hilly or uneven terrain without a tow vehicle or adequate help.
- NEVER exceed weight capacity of ball or load limits of coupler.
- ALWAYS check before towing to make sure that the log splitter is correctly and securely attached to the towing vehicle and that the safety chains are secured to the hitch or bumper of the vehicle with enough slack to allow turning. Always use a Class I or above and a 2" ball for connection to log splitter. Place a customer supplied lock or lock pin into the latch assembly of the hitch coupler.
- ALWAYS attach safety chains when towing your log splitter.
- NEVER carry cargo or wood on your log splitter.
- NEVER leave the ram extended in storage or transport.
- ALWAYS check the unit is in the horizontal position and pin locked in place.
- NEVER exceed 45 mph when towing your log splitter. Towing the log splitter at speeds higher than 45 mph could result in loss of control, damage to the equipment, serious injury or death. Adjust towing speed for terrain and conditions. Be extra cautious when towing over rough terrain, and avoid sharp turns and steep angles when towing your log splitter.
- It is very difficult to back up with a short wheel base trailer, take care when backing up with your log splitter in tow (it is not recommended).
- ALWAYS allow for added length of your log splitter when turning, parking and crossing intersections and in all driving situations.
- ALWAYS disconnect your log splitter from the towing vehicle before operation.
- ALWAYS replace ball or coupler if damaged. Make sure the ball is tight.
- ALWAYS turn the fuel shut off valve on the engine to the "OFF" position before towing the log splitter.

Pre-operation

Danger!

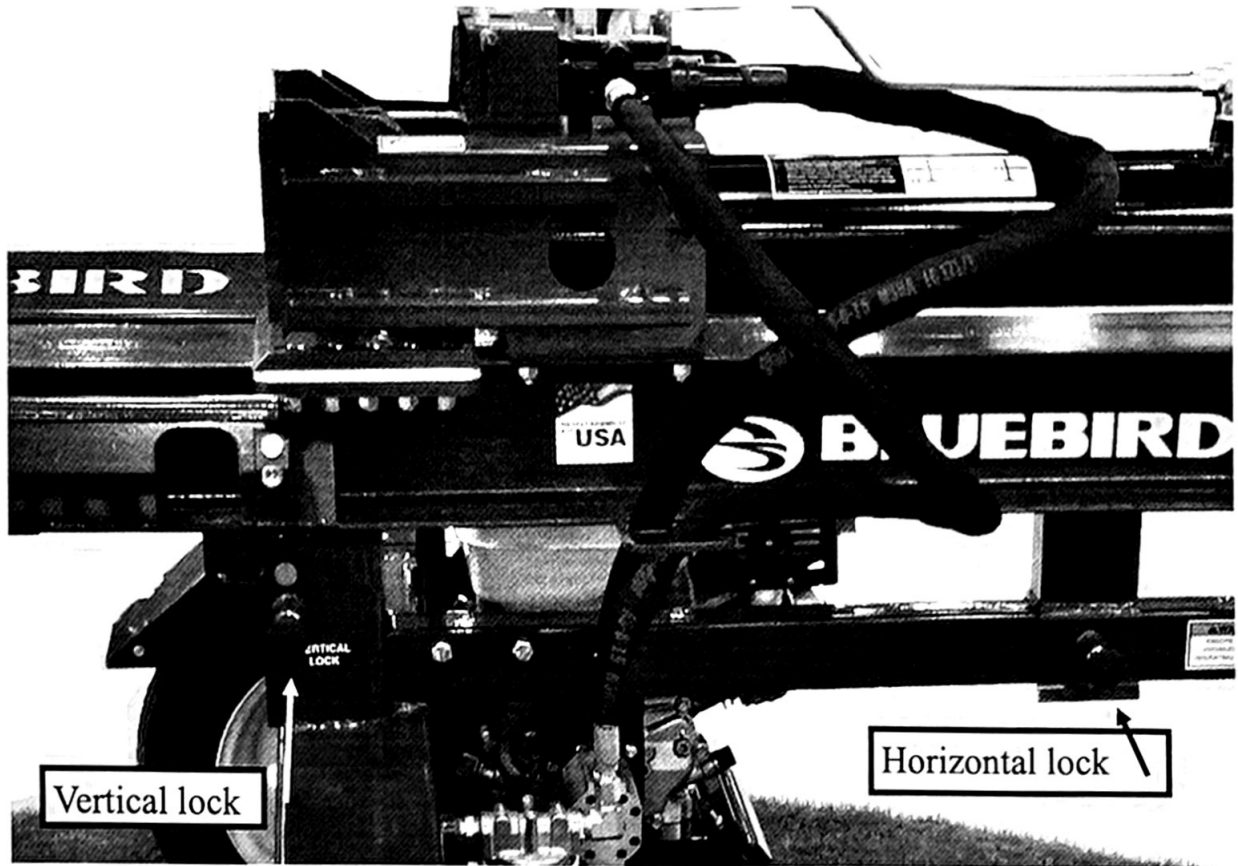
- Never fuel the unit or run the unit in an enclosed space. Residual gas fumes could be ignited by a water heater or furnace in a garage. Gas fumes are very flammable and you should change clothes if some is spilled on you.
- Clean up any spills and do not dispose of gas soaked rags in the trash, they may spontaneously combust.
- Engine produces carbon monoxide and is fatal within minutes in an enclosed environment, never run engine indoors or confined area
- Never smoke while fueling the unit. Make sure the fuel cap is secure on both the machine and the gas can after fueling.

- Use fresh gasoline and keep lid on gas can when not refueling.
- Store fuel away from heat or flame.
- Use a fuel stabilizer to insure gas will remain volatile.
- Make sure the unit is on a stable level surface.
- Check all bolts and guards to make sure they are tight and in proper working order.
- Chock the wheels before operating the unit.
- Know how to stop unit and be familiar with the controls.
- There are many different state and federal laws concerning gasoline engines use . A spark arrestor (contact the engine manufacturer for further information) may be necessary if using in a wooded area or National forest. Consult authorities in the area you intend to use the equipment.

Operation Guidelines

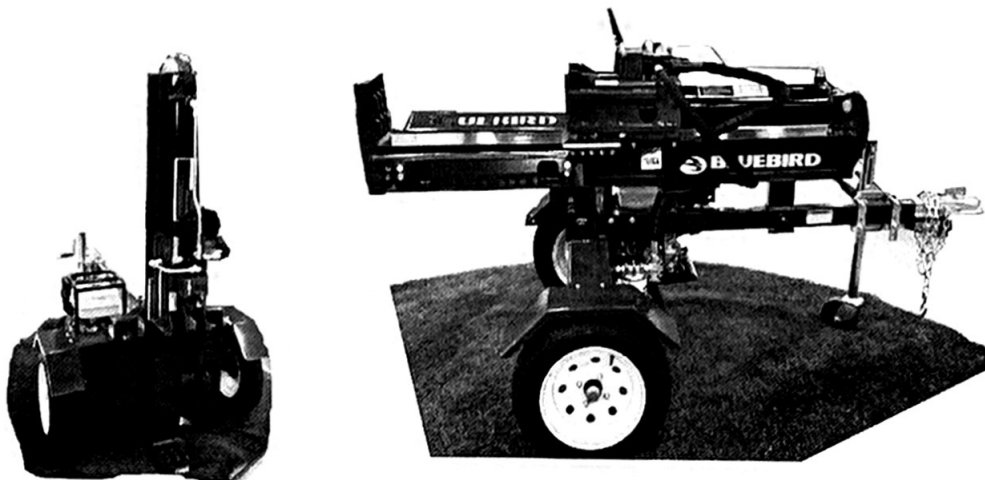
- This machine is designed to split wood with the grain. Any other use is not intended.
- Never attempt to split two logs at the same time.
- Never try to free a stuck log while the unit is operating.
- Never reach over unit .
- Never try to add or remove a log when the wedge is moving.
- **Never allow any body part between the wedge and the log, severe damage or death could occur.**
- Use only your hands to operate the control, do not use a rope or any other means to operate the control. The machine is designed to require two hands on the controls to split the wood . Never try to defeat this feature, it is for your safety.
- Having a fire extinguisher is recommended since you are using a combustion engine near wood scraps and chips.
- Never attempt to alter engine governor to increase maximum speed.
- Never modify a guard and keep them in good working order.
- Always stand clear of splitter area when the unit is running.
- Never try to adjust a piece of wood while the unit is working.
- Keep the air intake on the engine clean of debris.
- Never remove the air cleaner while the engine is operating.
- Never leave the unit running unsupervised.
- The unit should only be used with ample lighting (daylight preferred).
- Do not touch the muffler unless the unit has completely cooled down.
- Check safety labels daily and replace when necessary.
- The tires should be inflated to 30 PSI.
- Check engine oil daily or during extended operation.

Operation guidelines



- The unit can be operated either horizontal or vertical. There is a pin which locks the unit in either position. To use vertically, release the horizontal pin and tilt unit upright and lock into place with the vertical pin. To return the unit horizontally, release the vertical pin and tilt the unit back to the horizontal position, then lock its pin in place. The knob will close completely when it is secured.

The appropriate pin lock needs to be released to go to another position. Be sure pin is **fully seated** in place after locating the beam in either position.

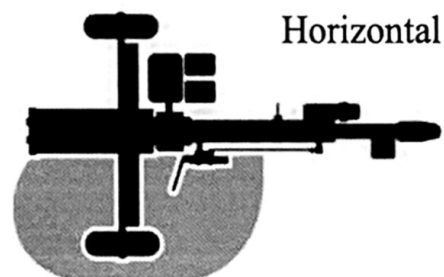
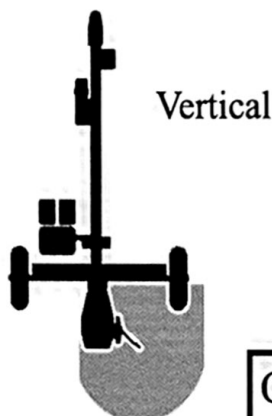


Operation

- Check to make sure the log splitter area is clear.
- Level the unit.
- Fill fuel tank before starting and also check the engine oil level.

Purging: the Unit

- **Grease the rail and remove any wood from splitter path.**
- **Disconnect the spark plug.**
- **Hold the control valve in the advance position and pull the starter cord multiple times to move the cylinder forward. Recheck oil level and add as necessary.**
- **Reconnect spark plug and start the unit according to the engine manual.**
- Most engines need the fuel selector turned on and choke on to start. Refer to engine manual for specific directions.
- **Cycle the unit multiple times with no wood in unit. Recheck oil level.**
- **The unit is self purging during operation but do not attempt to split logs until it has had a chance to remove the air from the system. Recheck oil level after the unit has been operated and is purged of air.**
- Do not touch muffler during operation.
- Not every situation can be covered in a manual, use good judgement and never push equipment beyond its capability.
- Stay alert, the equipment is easy to use but any piece of equipment has a danger component in its nature, so avoid the temptation to work rapidly.
- Stay in the operator zone while operating the unit and never reach across the unit while in operation.



Operator zone in shaded area,
do not reach across the ram
while operating the unit!

Operation

- Hold the log by the sides, do not place log in splitter holding the ends. Put the cut end against the foot of the beam. Make sure the log is securely against the foot plate up against the end beam. For vertical operation, place the log on the foot plate up against the beam.
- Press the safety lever down with one hand and pull the actuating lever with the other hand to the advance position until the log splits or extends fully. **Do not try to defeat this safety feature.** Always stop the operation if you feel the log is not splitting properly and never try to catch a log from falling off the splitter.
- You do not need to hold safety lever down to retract the cutting wedge, but still be careful even in the retracting position.

