POWERKING®

34TON / 42TON KINETIC LOG SPLITTER MODELS

PK0324 / PK0325

CALL POWERKING AT 1-800-344-3371 FOR WARRANTY, PARTS AND OR SERVICE QUESTIONS.
Owner’s Manual and Operation Instructions

General Safety Rules

⚠️ WARNING

Read this Safety & Operating Instructions manual before you use the KINETIC LOG SPLITTER. Become familiar with the operation and service recommendations to ensure the best performance from your machine. If you have any questions or need assistance, please contact your local dealer.

⚠️ Warning Labels

Your KINETIC LOG SPLITTER carries prominent labels as reminders for its proper and safe use. Shown below are copies of all the safety and Information labels that appear on the equipment. Take a moment to study them and make a note of their location on your LOG SPLITTER as you set up and before you operate the unit. Replace damaged or missing safety and information labels immediately.
**Protecting Yourself and Those Around You**

**WARNING**

This is a high-powered machine, with moving parts operating with high energy. You must operate the machine safely. Unsafe operation can create a number of hazards for you, as well as anyone else in the nearby area. Always take the following precautions when using this machine:

- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people, their property, and themselves.
- Always wear protective goggles or safety glasses with side shields while using the Log Splitter to protect your eyes from possible thrown debris.
- Avoid wearing loose clothing or jewelry, which can catch on moving parts.
- We recommend wearing gloves while using the Log Splitter. Be sure your gloves fit properly and do not have loose cuffs or drawstrings.
- Wear shoes with non-slip treads when using your Log Splitter. If you have safety shoes, we recommend wearing them. Do not use the machine while barefoot or wearing open toed sandals.
- Wear long pants while operating the Log Splitter.
- Keep bystanders at least 50 feet away from your work area at all times. Stop the motor when another person or pet approaches.

**Safety for Children and Pets**

**WARNING**

Tragic accidents can occur if the operator is not alert to the presence of children and pets. Children are often attracted to the machine and the splitting activity. Never assume that children will remain where you last saw them. Always follow these precautions:

- Keep children and pets at least 50 feet from the working area and ensure they are under the watchful care of a responsible adult.
- Be alert and turn the machine off if children or pets enter the work area.
- Never allow children to operate the Log Splitter.
Gasoline is a highly flammable liquid. Gasoline also gives off flammable vapor that can be easily ignited and cause a fire or explosion. Never overlook the hazards of gasoline. Always follow these precautions:

• Never run the engine in an enclosed area or without proper ventilation as the exhaust from the engine contains carbon monoxide, which is an odorless, tasteless, and a deadly poisonous gas.

• Store all fuel and oil in containers specifically designed and approved for this purpose and keep away from heat and open flame, and out of the reach of children.

• Replace rubber fuel lines and grommets when worn or damaged and after 5 years of use.

• Fill the gasoline tank outdoors with the engine off and allow the engine to cool completely. Don't handle gasoline if you or anyone nearby is smoking, or if you're near anything that could cause it to ignite or explode. Reinstall the fuel tank cap and fuel container cap securely.

• If you spill gasoline, do not attempt to start the engine. Move the machine away from the area of the spill and avoid creating any source of ignition until the gas vapors have dissipated. Wipe up any spilled fuel to prevent a fire hazard and properly dispose of the waste.

• Allow the engine to cool completely before storing in any enclosure. Never store a machine that has gas in the tank, or a fuel container, near an open flame or spark such as a water heater, space heater, clothes dryer or furnace.

• Never make adjustments or repairs with the engine running. Shut down the engine, disconnect the spark plug wire, keeping it away from the spark plug to prevent accidental starting, wait 5 minutes before making adjustments or repairs.

• Never tamper with the engine’s governor setting. The governor controls the maximum safe operation speed and protects the engine. Over-speeding the engine is dangerous and will cause damage to the engine and to the other moving parts of the machine. If required, see your authorized dealer for engine governor adjustments.

• Keep combustible substances away from the engine when it is hot.

• Never cover the machine while the muffler is still hot.

• Do not operate the engine with the air cleaner or the carburetor air intake cover removed. Removal of such parts could create a fire hazard. Do not use flammable solutions to clean the air filter.

• The muffler and engine become very hot and can cause a severe burn; do not touch.
A Note to All Users

No list of warnings and cautions can be all-inclusive. If situations occur that are not covered by this manual, the operator must apply common sense and operate this KINETIC LOG SPLITTER in a safe manner.

MECHANICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>PK3024</th>
<th>PK3025</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine</td>
<td>6.5 HP Kohler engine</td>
<td>6.5HP Kohler engine</td>
</tr>
<tr>
<td>Max splitting force</td>
<td>34ton</td>
<td>42ton</td>
</tr>
<tr>
<td>Max splitting length</td>
<td>21 IN</td>
<td>21 IN</td>
</tr>
<tr>
<td>Max splitting dia.</td>
<td>24 IN</td>
<td>30 IN</td>
</tr>
<tr>
<td>Cycle time</td>
<td>1 second</td>
<td>1 second</td>
</tr>
<tr>
<td>Splitter weight</td>
<td>582 LBS</td>
<td>650 LBS</td>
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</table>

IMPORTANT

The diameter listed is indicative of the maximum suggested size. A small log can be difficult to split when it contains knots or a particularly tough fiber. On the other hand, it may not be difficult to split logs with regular fibers even if its diameter exceeds
the maximum indicated above.

Log Splitter OPERATION

NOTICE

All logs should be no longer than 500mm

WARNING

- Do not place your hands on the ends of the log when loading the Log Splitter. This is a very UNSAFE method and could result in injury to your hands
- Do not reach or step across the beam while the Log Splitter is running. This is a very UNSAFE method which could cause personal injury or even death.

CAUTION

- Never attempt to split wood across the grain. The Log Splitter was not designed for cross-grain splitting. Doing so could damage the Log Splitter and may cause personal injury.
- Make sure both ends of the log you are splitting are cut as square as possible. This will prevent the log from sliding out of position while under pressure.

NOTICE

THE KINETIC LOG SPLITTER OPERATES DIFFERENTLY THAN A HYDRAULIC SPLITTER. NOT OPERATING THE MACHINE PROPERLY WILL RESULT IN DAMAGE TO THE MACHINE. ALWAYS FOLLOW THESE NOTICES:

- Do not be timid. A rapid movement of the Engagement Handle is necessary for the Rack and Pinion to engage and disengage fully without damage.
- The Engagement Handle should never be stopped in any location between the fully forward or fully backward positions.
- Do not hold the Handle in the forward position when the Ram stops moving forward. Always pull the Engagement Handle RAPIDLY to the back (Auto-Retракt) position as soon as the Log is split or when the Ram is at the end of the stroke or when the Ram stops moving forward due to a tough log.

1. Place the log on the Log Splitter. Grasp the log on the sides near the middle of the block. Center the log, side-to-side, on the rail of the Log Splitter, making sure that one end is against the Splitting Wedge.

CAUTION

- The engagement Handle must be held fully in the Split Position against the hard stop when splitting. Failure to do so may result in kickback of the Handle.

2. With one hand, actuate and hold the safety lever towards you, then RAPIDLY actuate the Engagement Handle fully towards the engine until it contacts the hard stop and hold firmly until the Log is split

3. IMMEDIATELY AFTER the log is split, actuate and hold the Engagement Handle to the Auto-Retракt position to allow the Ram to return. If the Ram stops before the end of the stroke while splitting a tough log, quickly actuate the Engagement Handle back to the Auto-Retракt position.

Splitting Tough Logs

If the Ram stops before the end of the stroke while splitting a tough Log, quickly actuate the Engagement Handle back to the Auto-Retракt position. Let the Ram return and allow the Flywheels to gain momentum for another full power split.
Maintaining the KINETIC LOG SPLITTER

Regular maintenance is the way to ensure the best performance and long life of your machine. Please refer to this manual for proper maintenance procedures.

⚠️ WARNING

Before performing any maintenance procedure or inspection, stop the motor, unplug the power cord and wait five minutes to allow all parts to cool.

Regular Maintenance Checklist

<table>
<thead>
<tr>
<th>PROCEDURE</th>
<th>Before each use</th>
<th>Every 5 hours</th>
<th>Every 25 hours</th>
<th>Every 100 hours</th>
</tr>
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<tbody>
<tr>
<td>Check engine oil level</td>
<td>△</td>
<td></td>
<td></td>
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<tr>
<td>Check general equipment</td>
<td>△</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Grease surface of slide rail</td>
<td>△</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Check belts</td>
<td>△</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grease Rack and pinion</td>
<td>△</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clean engine exterior and cooling</td>
<td></td>
<td></td>
<td>△</td>
<td></td>
</tr>
<tr>
<td>Change engine oil</td>
<td></td>
<td>First time 5 hours</td>
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<td></td>
</tr>
<tr>
<td>Replace air filter</td>
<td></td>
<td></td>
<td>△</td>
<td></td>
</tr>
<tr>
<td>Replace spark plug</td>
<td></td>
<td></td>
<td></td>
<td>△</td>
</tr>
</tbody>
</table>

Engine Service

Refer to the engine manufacturer’s user manual for engine maintenance.

Lubrication

NOTICE

All Bearings of your Splitter are sealed units and should have sufficient lubricant to last the life of your machine with normal use.

Greasing the rack and Pinion

NOTICE

All the rack and pinion should be greased before every use.

⚠️ WARNING

Before performing any maintenance procedure or inspection, stop the engine, wait five minutes to allow all parts to cool. Disconnect the spark plug wire, keeping it away from the spark plug.
## Troubleshooting Table

<table>
<thead>
<tr>
<th>SYMPTOM</th>
<th>POSSIBLE CAUSE</th>
</tr>
</thead>
</table>
| The engine won’t start.                                                | ⇒ Is the ignition switch in the “ON” position?  
⇒ Is the fuel shut-off valve on?  
⇒ Are you using fresh, clean gas? If the gas is old, change it. Use a fuel stabilizer if you keep gas longer than 30 days.  
⇒ Is the spark plug clean? If the spark plug is dirty or cracked, change it. If it’s oily, leave it out, hold a rag over the plug hole and pull the recoil cord several times to blow out any oil in the cylinder, then wipe off the plug and reinsert it.  
⇒ (Please refer to the engine user manual for engine-specific procedures.) |
| The engine lacks power or is not running smoothly.                     | ⇒ Check that the Throttle Lever is in the “Run” position.  
⇒ Is the air filter clean? If it’s dirty, change it following the procedure in the engine manufacturer’s owner’s manual.  
⇒ Is the spark plug clean? If it’s fouled or cracked, change it. If it’s oily, leave it out, hold a rag over the plug hole and pull your recoil cord several times to blow out any oil in the cylinder, then wipe off the plug and reinsert it.  
⇒ Are you using fresh, clean unleaded gas? If it’s old, change it. Use a fuel stabilizer if you keep gas longer than 30 days.  
⇒ Does your engine have the right amount of clean oil? If it’s dirty, change it following the procedure in the engine manufacturer’s owner’s manual.  
⇒ (Please refer to the engine user manual for engine-specific procedures.) |
| Engine smokes.                                                         | ⇒ Check the oil level and adjust as needed.  
⇒ Check the air filter and clean or replace if needed.  
⇒ You may be using the wrong oil—too light for the temperature. Refer to your Engine Owner’s Manual for detailed information.  
⇒ Clean the cooling fins if they’re dirty.  
⇒ (Please refer to the engine user manual for engine-specific procedures.) |
| Rack catching on tail tube (at end of stroke).                         | ⇒ Adjust carriage hold downs (slide guides).  
⇒ Check for wood chips or debris between ram bushing plate and beam.  
⇒ Check rack lift bearing for alignment or damage.  
⇒ Return spring is unhooked or damaged. Reconnect or replace as needed.  
⇒ Machine wedge end too low. Must be almost level or wedge end slightly higher.  
⇒ (Please refer to the engine user manual for engine-specific procedures.) |
| Rack returning very slow or not going all the way back.                | ⇒ Lever not all the way forward when rack comes under full load. Push lever quicker and more forcefully into the full forward position.  
⇒ Ram has been overloaded at lower part of face. Check rack gear for straightness.  
⇒ (Please refer to the engine user manual for engine-specific procedures.) |
| Rack slamming back too fast.                                           | ⇒ Wedge end of machine too high. Must be almost level with ram end or just slightly higher.  
⇒ Springs not operating properly. Fix or replace as needed.  
⇒ (Please refer to the engine user manual for engine-specific procedures.) |
| Machine does not seem to have full splitting power.                    | ⇒ The belts may be too loose and slipping. Adjust or replace belts as needed.  
⇒ (Please refer to the engine user manual for engine-specific procedures.) |
| Operator Lever not engaging rack with pinion gear.                    | ⇒ Clean wood chips or other debris from under rack.  
⇒ Clean accumulated dirt from frame where carriage assembly rests against rubber bumpers.  
⇒ (Please refer to the engine user manual for engine-specific procedures.) |
Components in the package

- Work table (right)
- Work table (left)
- Operation handle
- Safety lever
- Triangle belt
- Engine
- Body
- Tow bar
- Outrigger leg
- Table support
- Wheel bracket
- Wheel
- Pulley guard
- Flywheel guard
Assembly

Step 1

- Nut M12×3EA
- Bolt M12×110×3EA
- Flat washer ø12×6EA

Step 2

- Lotter pin×2EA
- Dust cap×2EA
- Wheel×2EA
- Thin slotted Nut×2EA
Assembly

Step 3

Step 4
Assembly

Step 5

Step 6
Assembly

Step 7
Exploded view and part list
<table>
<thead>
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<th>No</th>
<th>Description</th>
<th>Qty</th>
<th>No.</th>
<th>Description</th>
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<td>Vee-belt</td>
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RETURN / WARRANTY POLICY

Thank you for choosing QVTOOLS Products. We're here to ensure that your experience is perfect. In some rare instances, you may need some help with a warranty claim, please call us at 1-800-344-3371.

Engine Warranty
Kohler engines are covered with a 3 year commercial warranty for command pro series. Parts and Labor are covered.
Power King engines by Lifan are covered with a 3 year residential warranty, 1 year commercial warranty. Parts and Labor are covered.
QVpower 3pt 40hp gear box warranty 1 year. Visit your engine manufacture for warranty details or visit www.QVtools.com

Equipment warranty
Manufactures defects of chassis and components parts are covered for 30 days. Parts only are covered.
Qvtools will repair or replace at its’ option, any part that is proven to be defective in material or workmanship. This warranty is not valid for products or parts affected or damaged by accident, collision, normal wear, fuel contamination, abuse, neglect, misuse, alteration and/or unsuitable use or unauthorized parts replacement. Transportation charges to and from service centers if assigned is not covered. Shipping cost of product for repair is not covered. Labor to repair equipment is not covered. Parts not covered under warranty are: belts, springs, tires and rims, chainsaw chains, bars, carburetors, and electronics. Equipment cutting teeth and blades, throttle and throttle cables, brakes, and cables. Power King has all replacement parts at value pricing for replacement parts needed.

Damaged Products
You must take the time to inspect the goods before you sign the delivery receipt from the carrier. If you sign the delivery receipt without inspecting the shipment you will be responsible for filing a freight claim and arranging for a repair or return of the damaged goods. Concealed damage claims must be reported immediately.

Suspect Damage
On occasion, the outer carton may look damaged, but the product inside the box is perfectly fine. If you suspect concealed damage, note “Possible Freight Damage” on the delivery receipt while the driver is present. This way, if you discover later that the product is damaged, the remedy of a freight claim is less of a hassle.

Obvious Damage
Do not sign for damaged products. If your product arrives damaged, please (a) REFUSE DELIVERY and (b) Call where you purchased the item Immediately, so the dealer can process the appropriate claims and coordinate an exchange for you.

Defective Products
We encourage you to test your product within 15 days of receipt so we can quickly remedy any mechanical problems. If you think your product is defective, don’t worry. In most cases, it’s a simple issue that can be resolved over the phone. You are also welcomed to contact QVTOOLS customer service departments. They have expert technicians standing by to help solve your issue. Please have your model number and serial number available and your proof of purchase receipt for fastest service.

Original owner warranty
Warranty is non-transferable and covers the original owner only who purchased from a QVTOOLS authorized dealer. This revised warranty is in effect for all products purchased after August 31st, 2017.

QVTOOLS, LLC  2731 CRIMSON CANYON DRIVE, LAS VEGAS, NV. 89128   1-800-344-3371