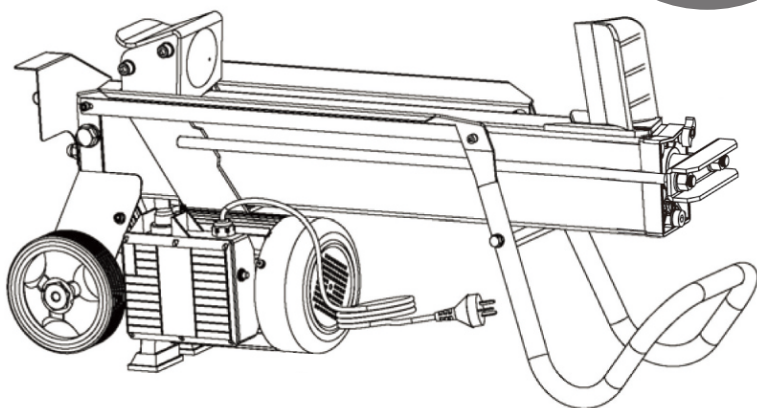
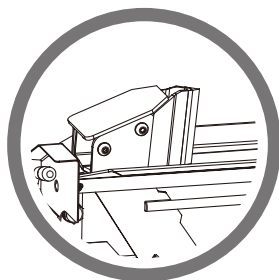




YARDWORKS^{TM/MC}

Electric Log Splitter

model number 060-3895-8 | contact us: 1.866.523.5218



IMPORTANT:

Read and follow all safety rules and operating instructions before using this product.

**Instruction
Manual**

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ELECTRIC LOG SPLITTER

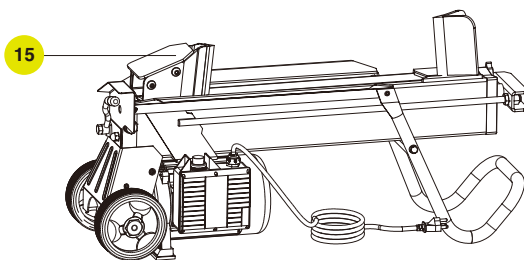
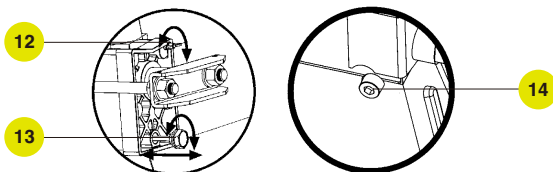
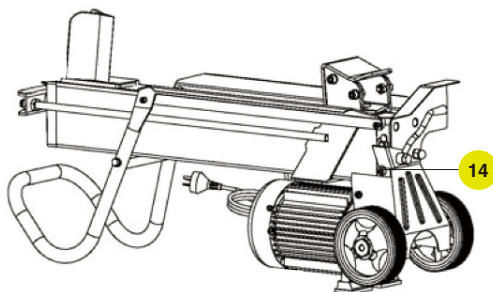
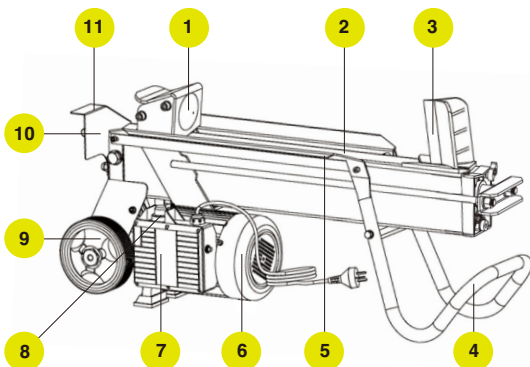
Model Number	060-3895-8
Motor	120 V 60 Hz 15 A 1 3/4 HP
Log Capacity (Diameter)	2 – 10" (5 – 25 cm)
	2 – 20" (5 – 25 cm) with duo-cut
Log Capacity (Length)	20 1/2" (52 cm)
	17 11/32" (45 cm) with duo-cut
Splitting Force	5 tons
Hydraulic Pressure	20 MPa
Hydraulic Oil Capacity	3.2 L
Overall Size	Length 37" (94 cm)
	Width 10 1/2" (27 cm)
	Height 20" (51 cm)
Weight	99 lb (45 kg)

The diameter of the log is only a guideline—a small log can be difficult to split if it has knots or very tough fibers.

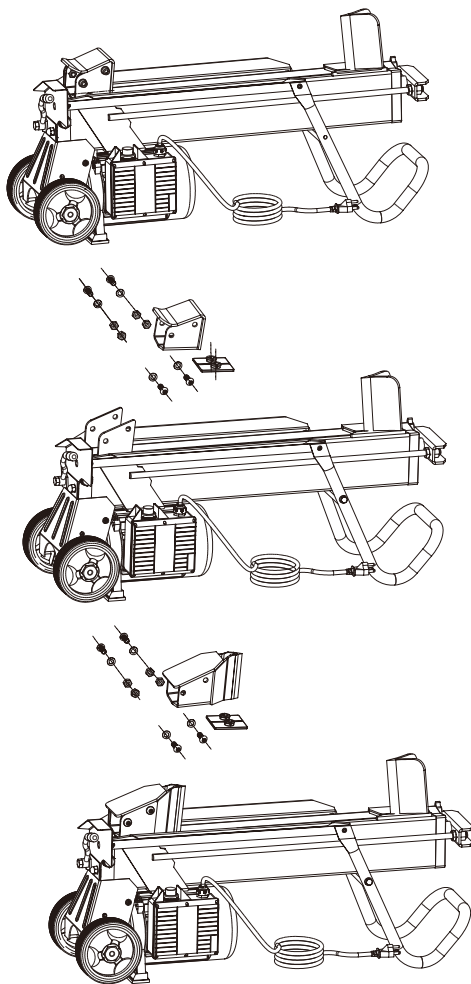
model number 060-3895-8 | contact us: 1.866.523.5218

Bolt the support leg to the log splitter, lift the log splitter by the handles at both ends, and place it on a stable, flat, and level work surface that is 24 – 30" (60 – 75 cm) high.

1. Log pusher
2. Work table
3. Wedge
4. Support leg
5. Log retaining plates
6. Motor
7. Pushbutton box
8. Switch
9. Wheels (for minor moving ONLY)
10. Hydraulic control lever
11. Control lever guard
12. Bleed screw
13. Oil drain bolt with dipstick
14. Maximum pressure limiting screw
15. Alternate log pusher with duo-cut wedge



Replace original log pusher with the duo-cut blade. This enables your machine to have twice the effective splitting capacity of similarly rated electric log splitters and ensures that if a knot is encountered at one end, it will still split from the other. The duo-cut blade can be easily bolted on in place of the standard log pusher.



KNOW YOUR LOG SPLITTER

The safe use of this product requires an understanding of the information on the product, this instruction manual as well as a knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.



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Before operating the log splitter, loosen the bleed screw by several rotations, until air is able to enter and escape from the oil tank smoothly. Airflow should be detectable through hole in the bleed screw when the log splitter is in use. In order to avoid oil leaking from this point, verify that the bleed screw is tightened before moving the log splitter.

MAXIMUM PRESSURE LIMITING SCREW

The maximum pressure was set before the log splitter left the factory, and the maximum pressure limiting screw is sealed with glue in order to ensure that the log splitter works under pressure that does not exceed 5 tons. The pressure was set by a qualified mechanic using professional instruments.

Unauthorized resetting may cause the hydraulic pump to fail to generate enough splitting pressure, or it may **RESULT IN SERIOUS INJURY AND/OR DAMAGE TO THE LOG SPLITTER.**

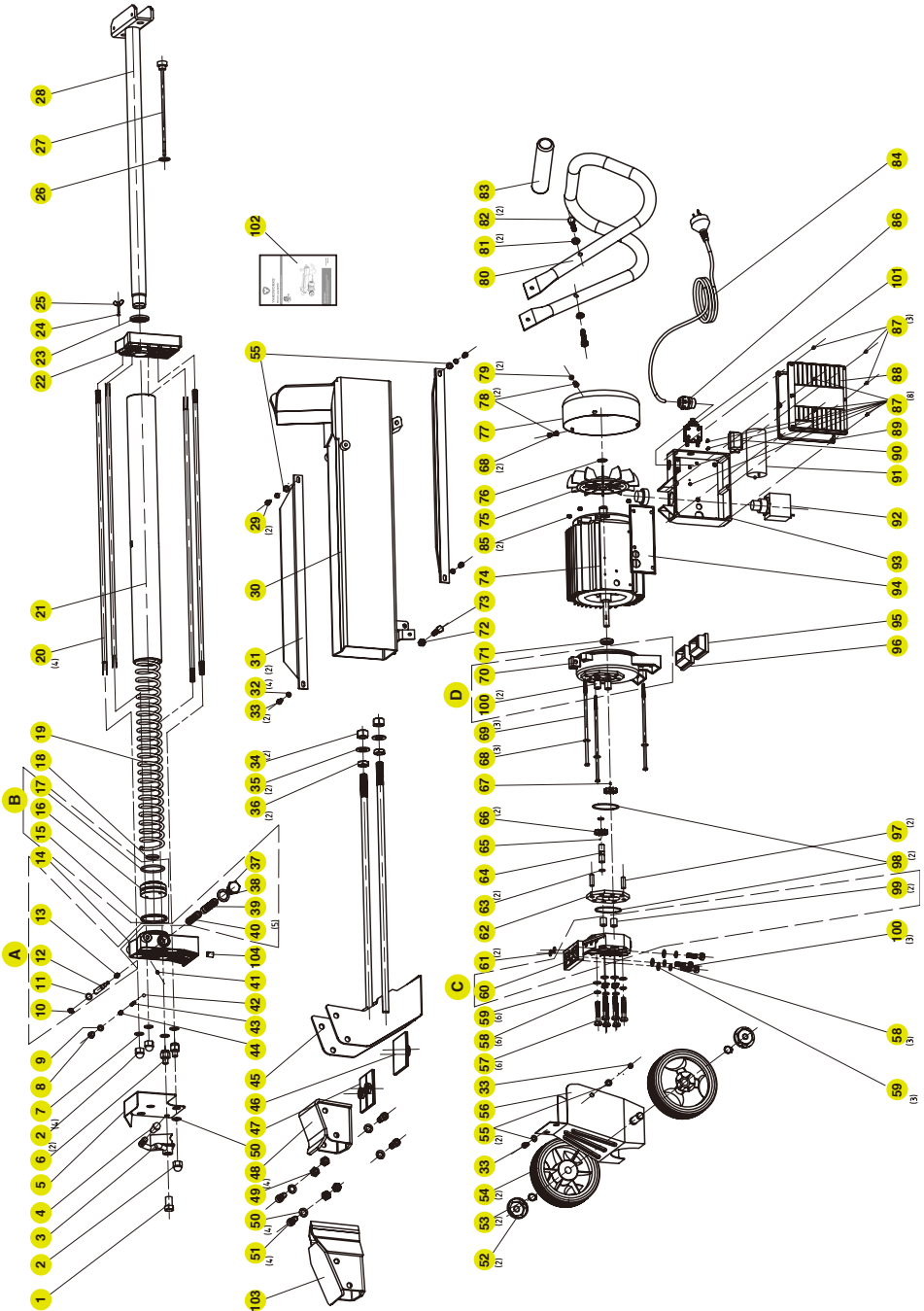


FAILURE TO LOOSEN THE BLEED SCREW WILL KEEP THE SEALED AIR IN THE HYDRAULIC SYSTEM COMPRESSED AFTER DECOMPRESSION. CONTINUOUS COMPRESSION AND DECOMPRESSION OF THE AIR WILL BLOW OUT THE SEALS OF THE HYDRAULIC SYSTEM, AND WILL CAUSE PERMANENT DAMAGE TO THE LOG SPLITTER.



DO NOT ADJUST THE MAXIMUM PRESSURE LIMITING SCREW.

Exploded View



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Item	Description	QTY
1	Lever mount nut	1
2	Nut cap	3
3	Lever	1
4	Lever knob	1
5	Guard plate	1
6	Nut	2
7	Copper gasket	4
8	Screw	1
9	O-ring	1
10	Snap washer-shaft	1
11	O-ring	1
12	Valve core rod	1
13	Sliding pressure sensor sleeve spring	1
14	Aluminium cover (rear)	1
15	O-ring	1
16	Piston	1
17	Piston ring	1
18	O-ring	1
19	Spring	1
20	Stud	4
21	Hydraulic cylinder	1
22	Aluminium cover (front)	1
23	Piston rod seal	1
24	O-ring	1
25	Wing bolt	1
26	Washer groupware	1
27	Dipstick	1
28	Piston rod	1
29	Screw	2
30	Frame tube	1

Item	Description	QTY
31	Log retaining plate	2
32	Spring washer	4
33	Screw	6
34	Nut	2
35	Flat washer	2
36	Nut	2
37	Nut plug	1
38	Washer groupware	1
39	Valve sleeve	1
40	Spring	5
41	Adjusting screw	1
42	Steel ball	1
43	Pressure limited valve spring	1
44	Adjusting screw	1
45	Welded log pusher connection	1
46	Plastic insert 1	1
47	Plastic insert 2	1
48	Log pusher	1
49	Nut	4
50	Flat washer	5
51	Screw	4
52	Wheel cover	2
53	Block turn	2
54	Wheel	2
55	Washer	4
56	Wheel shelf	1
57	Bolt	6
58	Spring washer	9
59	Washer	9

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Item	Description	QTY
60	Gear pump cover	1
61	Spring	2
62	Gear housing plate	1
63	Circlip	2
64	Gear shaft	1
65	Steel ball	1
66	Gear	2
67	Pin	1
68	Washer	6
69	Bolt	3
70	Motor cover	1
71	Seal	1
72	Nut	1
73	Screw	1
74	Motor	1
75	Fan	1
76	Block turn	1
77	Shroud	1
78	Spring washer	3
79	Screw	3
80	Leg	1
81	Washer	2
82	Bolt	2
83	Leg cover	1
84	Cable and plug	1
85	Nut	2
86	Bolt	1
87	Screw	11
88	Switch box cover	1
89	Airproof underlay	1

Item	Description	QTY
90	Connection terminal	1
91	Capacitor	1
92	Switch	1
93	Switch box	1
94	Waterproof underlay	1
95	Left motor support shoe	1
96	Right motor support shoe	1
97	Pin	2
98	Spring	2
99	Sliding sleeve	4
100	Bolt	3
101	Fuse	1
102	Owner's manual	1
103	Duo-cut splitting wedge	1
104	Valve retract spring	1

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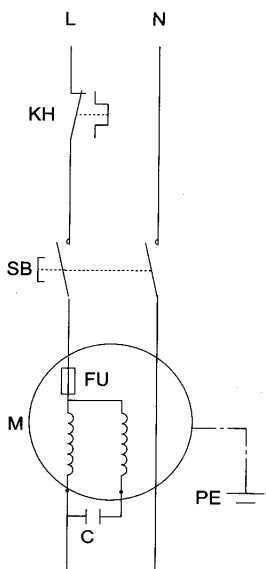
OPERATING CONDITIONS

This log splitter is intended for household use. It is designed to operate in ambient temperatures between -20° and 40° C (-4° to 104° F). The log splitter can be stored or transported in ambient temperatures between -25° and 55° C (-13° to 130° F).

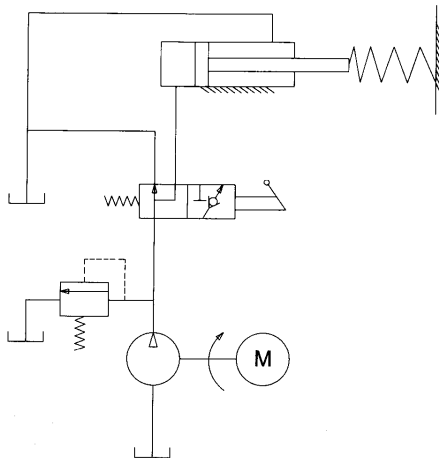
ELECTRICAL REQUIREMENTS

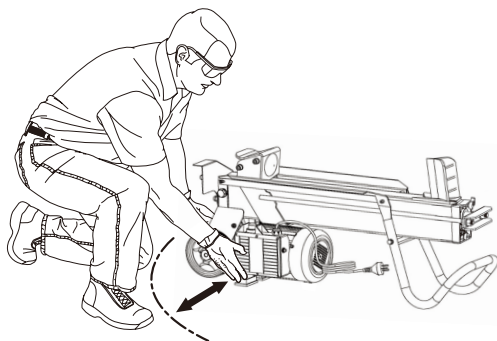
Plug the log splitter into a standard 120 V ($\pm 10\%$) 60 Hz (± 1 Hz) electrical supply that has under-voltage, over-voltage, and over-current protection devices, as well as a residual current device (RCD) with a maximum residual current rated at 0.03 A.

WIRING DIAGRAM



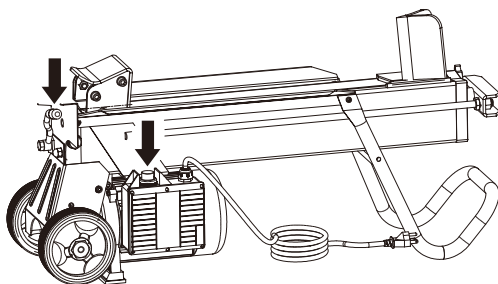
PLUMBING DIAGRAM





Operator must be positioned at the control end of the log splitter behind the dashed line shown when the ram is being operated.

This log splitter is equipped with a ZHB control system, which means that the operator must use both hands. The left hand controls the hydraulic control lever, while the right hand controls the pushbutton switch. The log splitter will cease all movement immediately if either hand is removed from the controls. The log pusher will only begin to return to the starting position once both hands have released the controls.

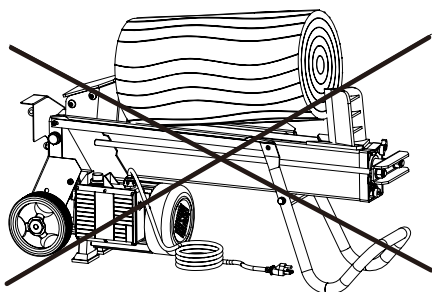


A trigger-type lock-out device is used in order to avoid accidental pushdown of the hydraulic control lever. In order to operate the hydraulic control lever, pull the trigger backward with the index finger before pushing the hydraulic control lever forward.

After 5 seconds the pressurized oil will become overheated, which could damage the machine. In the case of an extremely hard log, rotate it 90° and try to split it in a different direction. If you are not able to split the log, this means that its hardness exceeds the capacity of the machine, and therefore, the log should be discarded in order to protect the log splitter.



WARNING! Do not put pressure on the log splitter for more than 5 seconds when attempting split very hard wood.

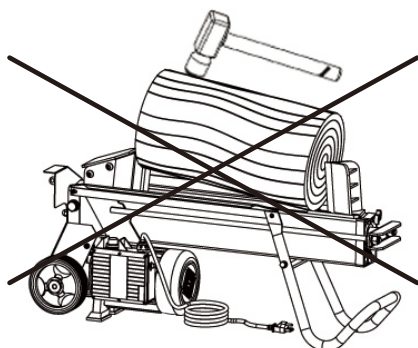
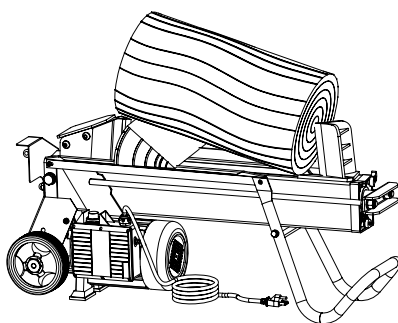


Always set the log firmly on the log retaining plates and the work table. Make sure the log will not twist, rock, or slip while it is being split. Do not force the blade by splitting the log on the upper part. Doing so may break the blade or damage the machine.

Break log in the direction of its growing grain. Do not place the log across the log splitter to split it. Doing so could be dangerous, and may seriously damage the machine. Do not attempt to split 2 logs at the same time, because one of them may fly out of the log splitter and cause an injury.

FREEING A JAMMED LOG

- Release both controls.
- After the log pusher moves back to its starting position and comes to a complete stop, insert a wedge of wood under the jammed log.
- Start the log splitter in order to push the wedge of wood completely under the jammed log.
- Repeat this procedure with steeper sloped wedges until the log is free.

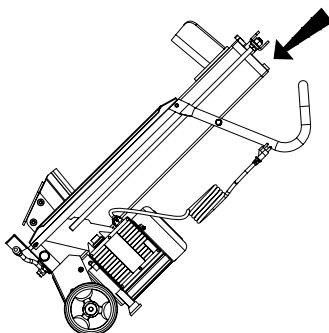
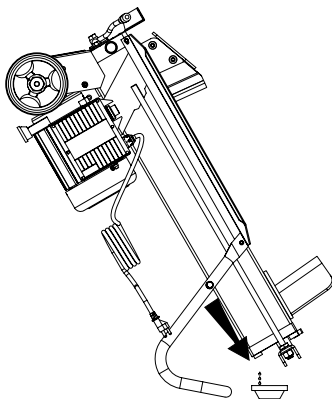


Do not try to knock the jammed log off. Knocking the log will damage the log splitter, or it may cause the log to fly out of the log splitter, which could result in an injury.

REPLACING THE HYDRAULIC OIL

Replace the hydraulic oil in the log splitter after every 150 hours of use. Follow the procedure below.

- Verify that all moving parts have stopped and that the log splitter is unplugged.
- Unscrew the oil drain bolt with dipstick in order to remove it.
- Turn the log splitter onto the support leg over a 4-litre container in order to drain the hydraulic oil.
- Turn the log splitter onto the motor side.
- Refill the log splitter with the proper volume of fresh hydraulic oil, according to the specifications table that applies to the specific model of log splitter.
- Clean the surface of the dipstick on the oil drain bolt, and insert it back into the oil tank, while keeping the log splitter in the vertical position.
- Verify that the level of the refilled oil is between the 2 grooves on the dipstick.
- Clean the oil drain bolt before reinserting it. Tighten the oil drain bolt in order to avoid leakage, and then place the log splitter in the horizontal position.



Check the oil level regularly in order to ensure that it is between the 2 grooves on the dipstick. When the oil level reaches the lower groove, the oil should be refilled.

SHARPENING THE BLADE








After using the log splitter for some time, sharpen the blade using a fine-toothed file, and smooth out any burrs or crushed areas along the cutting edge.

















NOTE! Please dispose of used hydraulic oil in a manner that is compatible with the environment.

Problem	Cause	Remedy
The log splitter does not split logs.	The log is not positioned properly.	Refer to the section entitled “operation” for instructions on proper log loading.
	The size or hardness of the log exceeds the capacity of the machine.	Reduce the size of the log before splitting it on the log splitter.
	The wedge cutting edge is blunt.	Refer to the section entitled “sharpening the blade” for instructions on how to sharpen the cutting edge
	There is an oil leak.	Locate the leak, and call the helpline.
	An unauthorized adjustment was made to the maximum pressure limiting screw—a lower maximum pressure was set.	Call the helpline.
The log pusher moves jerkily, makes an unfamiliar noise, or vibrates excessively.	Not enough hydraulic oil and too much air in the hydraulic system.	Check the oil level, and refill the oil if necessary. Call the helpline.
Oil leaks around the cylinder ram or from other points.	Air was sealed in the hydraulic system during operation.	Loosen the bleed screw by 3 or 4 rotations before operating the log splitter.
	The bleed screw was not tightened before moving the log splitter.	Tighten the bleed screw before moving the log splitter.
	The oil drain bolt with dipstick is not tight.	Tighten the oil drain bolt with dipstick.
	The hydraulic control valve assembly and/or seal is worn.	Call the helpline.

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product effectively and safely.

Symbol	Name	Designation/Explanation
	BEFORE OPERATING THE LOG SPLITTER	Read and understand the instruction manual and all labels affixed to the log splitter. Learn its application and limitations, as well as the specific potential hazards. Always check oil level before using log splitter.
	DRUGS, ALCOHOL, AND MEDICATION	Do not operate this log splitter while under the influence of drugs, alcohol, or any medication that may affect your ability to use it properly.
	AVOID DANGEROUS CONDITIONS	Place the log splitter on a stable, flat, and level work surface that is 24 – 30" (60 – 75 cm) high in a location where there is plenty of room for handling. Bolt the log splitter to the work surface if it tends to slip, walk, or slide. Stay alert. Keep the work area clean and well lit. A cluttered work area invites injuries. Do not use the log splitter in wet or damp areas, and do not expose it to rain. Do not use the log splitter in areas where fumes from paint, solvents, or flammable liquids pose a potential hazard.
	INSPECT THE LOG SPLITTER	Inspect the log splitter before turning it on. Keep guards in place and in working order. Always verify that keys and adjusting wrenches are removed from the tool and the area around it before turning it on. Replace damaged, missing, or faulty parts before using the log splitter. Inspect the log splitter for any malfunctioning or damaged components including the splitting wedge for cracks and deformation. Make all adjustments with power off.
 	DRESS PROPERLY	Do not wear loose clothing, gloves, neckties, or jewellery (rings, wrist watches), because they can get caught in moving parts. Electrically non-conductive protective gloves and non-skid footwear should be worn when working with tools. Wear protective hair covering to contain long hair in order to prevent it from getting caught in machinery. Wear steel-toed shoes.
	PROTECT YOUR EYES AND FACE	A log splitter may throw foreign objects into the eyes, which can cause permanent eye damage. Always wear safety goggles. Everyday eyeglasses only have impact-resistant lenses. They are not safety glasses. Do not place the log splitter on the ground when it is in use. Doing so creates an awkward operating position, in which the operator's face will be close to the machine, which increases the risk of being struck by wood chips or debris.

Symbol	Name	Designation/Explanation
	EXTENSION CORDS	Improper use of extension cords may cause inefficient operation of the log splitter, which may result in overheating. Verify that the extension cord is no longer than 32.5' (10 m) and that its cross-section is no less than 1/8" (2.5 mm), in order to allow sufficient current to flow to the motor. Avoid use of loose and inadequately-insulated connections. Connections must be made with protected material that is suitable for outdoor use.
	AVOID ELECTRIC SHOCK	Verify that the electric circuit is adequately protected, and that it corresponds to the power, voltage, and frequency of the motor. Verify that there is a ground connection and a regulation differential switch upstream. Ground the log splitter. Prevent contact between your body and grounded surfaces such as pipes, radiators, ranges, and refrigerators. Never open the push-button box on the motor. If it becomes necessary to open this box, contact a qualified electrician. Do not allow your fingers to touch the metal prongs of the plug when plugging in or unplugging the log splitter.
	KEEP VISITORS AND CHILDREN AWAY	The log splitter must always be operated by only one person. Always keep other people a safe distance away from the work area, especially when the log splitter is in use. Never ask another person for help in freeing a jammed log.
	INSPECT THE LOG	Verify that there are no nails or foreign objects in the logs that are to be split. The ends of the logs must be cut square. Branches must be cut off flush with the trunk. Inspect the log splitter for any malfunctioning or damaged components including the splitting wedge for cracks and deformation.
	DO NOT OVERREACH	Do not work on a slippery floor. Keep proper footing and balance at all times. Never stand on the log splitter. Serious injury could occur if the tool tips or is accidentally jarred. Do not store anything above or near the log splitter such that someone might stand on the tool in order to reach it.
 	AVOID INJURY FROM UNEXPECTED ACCIDENTS	Always pay attention to the movement of the log pusher. Do not attempt to load a log until the log pusher has stopped. Keep hands out of the way of all moving parts. Do not try to remove split logs until the tool has totally completed its work cycle.

Symbol	Name	Designation/Explanation
	PROTECT YOUR HANDS	Keep your hands away from splits and cracks that open in the log. They may close suddenly, which could cause severe crushing or amputation. Do not remove jammed logs using your hands. Never attempt to split more than one log at a time. Keep hands off the controls while logs are being loaded and unloaded. Ensure the loader and operator are positioned in the safe area at the control end of the log splitter while operating the ram.
	DO NOT FORCE THE TOOL	The tool will work better and safer when used at the rate that it is designed to work at. Do not try to split logs that are larger than those indicated in the specifications table. Doing so could be dangerous, and may damage the machine. Only use the log splitter for its intended purpose.
	NEVER LEAVE THE TOOL UNATTENDED WHILE IT IS RUNNING	Do not leave the tool until it has come to a complete stop.
	DISCONNECT THE POWER	Unplug the log splitter when it is not in use, and before making adjustments, changing parts, cleaning, or working on the log splitter. Consult the technical manual before servicing.
	PROTECT THE ENVIRONMENT	Dispose of used oil only at an authorized collection point, or follow the regulations that are in effect in the area where the log splitter is used. Do not dump used oil into drains, soil, or water.
	MAINTAIN THE LOG SPLITTER WITH CARE	For best and safest performance, keep the log splitter clean.
	MAKE THE WORKSHOP CHILDPROOF	Keep the workshop locked. Disconnect master switches. Store the log splitter away from children and others who are not qualified to use it.



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TWO-YEAR LIMITED WARRANTY

For two (2) years from the date of purchase within Canada, YARDWORKS CANADA will, at its option, repair or replace for the original purchaser, free of charge, any part or parts found to be defective in material or workmanship.

This warranty does not cover:

1. Any part that has become inoperative due to misuse, commercial use, abuse, neglect, accident, improper maintenance, or alteration;
2. The unit, if it has not been operated and/or maintained in accordance with the instruction;
3. Normal wear, except as noted below;
4. Routine maintenance items such as lubricants, blade sharpening; or
5. Normal deterioration of the exterior finish due to use or exposure.

Full One Hundred Twenty Days (120)

Warranty on Normal Wear Parts:

Normal wear parts are defined as blade adaptors, blades, grass bags and tires. These parts are warranted to the original purchaser to be free from defects in material and workmanship for a period of one hundred twenty (120) days from the date of retail purchase.

How to Obtain Service:

Warranty service is available by calling the toll-free helpline at 1 866-523-5218. The factory will not accept the return of a complete unit unless prior written permission has been extended by YARDWORKS CANADA.

Transportation Charges:

Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. The purchaser must pay transportation charges for any part submitted for replacement under this warranty unless such return is requested in writing by YARDWORKS CANADA.

Other Warranties:

All other warranties, express or implied, including any implied warranty of merchantability is limited in its duration to that set forth in this express limited warranty. The provisions as set forth in this warranty provide the sole and exclusive remedy of YARDWORKS CANADA obligations arising from the sale of its products.

YARDWORKS CANADA will not be liable for incidental or consequential loss or damage.



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