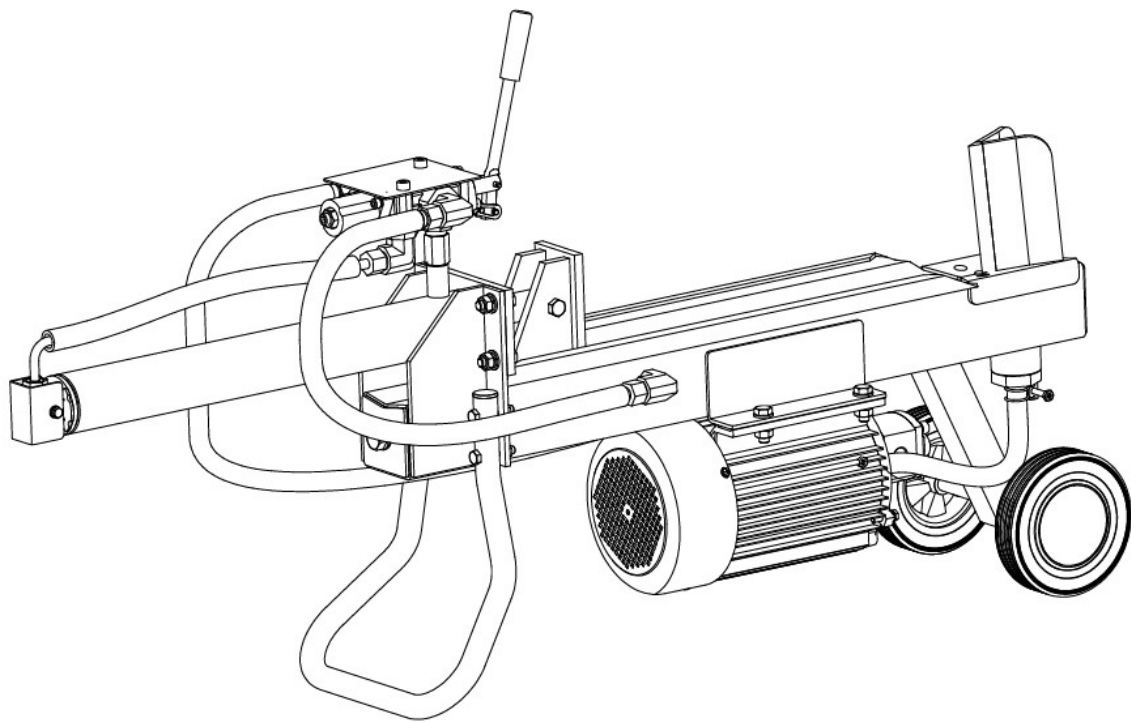


OWNER'S MANUAL

Assembly & Operating Instructions



7/10T LOG SPLITTER

LOG07TE-V



Thank you for choosing our Equipment. It was carefully engineered to provide excellent performance when properly operated and maintained.

Please read this entire manual before operating the Equipment. It instructs you on how to set up, operate, and maintain your Equipment safely and easily. Ensure that you and any other persons operating the Equipment carefully follow the recommended safety practices at all times, as failure to do so could result in personal injury or property damage.

All information in this manual is relevant to the most recent product information available at the time of printing. Review this manual frequently to familiarize yourself with the machine, its features, and operation. Please note that this Owner's Manual may cover a range of product specifications for various models. Characteristics and features discussed and/or illustrated in this manual may not be applicable to all models. We reserve the right to change product specifications, designs, and equipment without notice and without incurring obligation.

All the power testing information used to establish the power rating of the engine equipped on this Equipment can be found in the engine manufacturer's manual or website. If you encounter any problems or have questions about the machine, please contact our Customer Support Department.

Throughout this manual, all references to the right and left side of the Equipment are observed from the operating position. The engine manufacturer is responsible for all engine-related issues concerning performance, power-rating, specifications, warranty, and service. Refer to the engine manufacturer's Owner's Manual, packed separately with your Equipment, for more information.

Customer Support

Before initiating a product return, kindly reach out to our dedicated Customer Support Department at Bigger Boyz Toyz. We are here to assist you.

Phone: 02 4257 4787

Email: bbt@bbta.com.au

Warehouse: Unit 2/3 Delta Place, Albion Park Rail NSW 2527

If you have difficulty assembling the product or have any questions about the controls, operations, or maintenance of the equipment, please don't hesitate to get in touch with our Customer Support Department.

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SAFETY & ALERT SYMBOLS

FOR YOUR SAFETY AND THE SAFETY OF OTHERS!



Safety precautions should be followed all the time when operating this equipment. Failure to read and understand the Safety Messages and Operating Instructions could result in injury to yourself and others



This Operating Instructions has been developed to provide complete instructions for the safe and efficient operation of this equipment. Refer to the engine manufacture's instructions for data relative to its safe operation.



WARNING: Read and thoroughly understand all instructions in this equipment and on the safety decals before assembling or operating this equipment. Failure to do so may cause serious injury or death. Do not allow anyone to operate this equipment who has not read this manual. As with all power equipment, this equipment can be dangerous if assembled or used improperly. Do not operate this equipment if you

have any questions concerning its safe operation. Contact our Customer Support Department for assistance in addressing any queries or concerns.

This SAFETY ALERT SYMBOL identifies important safety messages in this manual. Failure to follow this important safety information may result in serious injury or death.



DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in serious injury or death.



WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in serious injury or death.



CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

ADDITIONAL INFORMATION AND POTENTIAL CHANGES

We reserve the right to discontinue, change, and improve our products at any time without notice or obligation to the purchaser. The descriptions and sections contained in this manual were in effect at the time of printing. Equipment described within this manual may be optional. Some illustrations may not be applicable to your machine.



WARNING

Your Responsibility—Restrict the use of this power machine to persons who have read, understood, and will follow the warnings and instructions in this manual and on the machine

SAVE THESE INSTRUCTIONS!

HAZARD SYMBOLS

Potential hazards associated with the operation of this equipment will be referenced with Hazard Symbols which appear throughout this manual.

	READ THE OWNER'S MANUAL(S) : Read, understand and follow all instructions in the manual(s) before attempting to assemble and operate.
	FACE PROTECTION : Always wear safety goggles or safety glasses with side shields or a face shield when operating this product as well as ear protection.
	WEAR GLOVES : Always wear non-slip, heavy-duty protective gloves when operating this product.
	WEAR SAFETY FOOTWEAR : Always wear non-slip steel-toed safety footwear when operating this product.
	BEWARE OF ROTATING BLADES : This equipment has a rotating cutting blade capable of amputating hands and feet and throwing objects. Keep hands and feet out of openings while machine is running. Failure to observe these safety instructions could result in serious injury or death.
	BEWARE OF FLYING OBJECTS : Beware of thrown objects, which can ricochet causing serious injury to the eyes. Always wear eye & ear protection when operating.
	Never wear loose clothes or long jewellery and keep your long hair secured when operating machine. Never operate this machine in bare feet or sandals. Never use machine on a slope or hard smooth floor.
	CARBON MONOXIDE AND GAS : Exhaust contains poisonous carbon monoxide, a colourless and odourless gas. Breathing exhaust fumes can cause loss of consciousness and may lead to death.
	RESPIRATORY HAZARDS : ALWAYS wear approved respiratory protection when required.
	PETROL OIL : Petrol is extremely flammable and the vapours are explosive. Serious personal injury can occur when petrol is spilled on you or your clothing, which can ignite. In the event of a petrol spill, wash your skin and change clothes immediately.
	BURN HAZARDS : Engine components can produce intense heat. To avoid burns, DO NOT touch these areas while the engine is running or right after operations. Never operate the engine with removed heat shields or guards.
	BYSTANDERS : Keep bystanders, helpers, pets, and children at least 10m from the equipment while it is in operation. Stop equipment if anyone enters the area. SINGLE OPERATOR : Only one person should operate the equipment at a time.
	DO NOT use in the rain.
	ACCIDENTAL STARTING HAZARDS : Always place the ON/OFF switch in the OFF position when the equipment is not in use.

GENERAL SAFETY RULES

⚠ WARNING

All operation and use of the machine carry some inherent risk, but caution from the operator will mitigate the risk of injury. Lack of caution can result in operator injury or property damage.

1. Read and fully comprehend the operation manual, including the operation, scope of application, and potential hazards.
2. Inspect for any damaged parts before use to ensure the log splitter will operate normally.
3. Before initiating any maintenance or attempting to replace components, ensure the machine is switched off and the power plug is removed from the socket.
4. Personal Protective Equipment (PPE): We advise wearing head, eye, and ear protection.
5. Never operate this machine while under the influence of alcohol or medication.
6. Never stand on the machine, as this presents a risk of injury.
7. Never operate this machine without first reading the instructions. Never leave the machine until it has stopped completely.
8. When calibrating, changing parts, or performing any work on the machine, the power plug must be disconnected from the outlet.
9. Ensure the power cord is fully protected and undamaged by assembly components or materials.
10. Maintain a safe distance between your hands and the log, and between the pusher and the wedge. If the splitter is powered on, never place your hands into the machine's moving parts.
11. Never wear jewelry or loose clothing, as these can become entangled with log chips.

ELECTRICAL CONNECTION

Connect the power cord to a standard power supply via an approved plug or a suitable protective, isolated switch. The power supply must comply with the specifications stated on the nameplate.

Extension cable

If an extension cable is utilized, we recommend using a moisture-proof connection.

Note: An inadequate extension cable will produce a voltage drop, which can prevent the electrical motor from delivering full power and reduce the machine's performance.

The extension cable must comply with the following minimum specifications:

Length: 0–10 meters

Cable Diameter: 2.5 square millimeters

Never use an extension cable exceeding 10 meters. If in doubt, consult a qualified electrician. Never perform electrical repairs yourself.

Electrical Safety

- » Never operate this tool in the presence of an electrical hazard or under wet conditions.
- » Never operate this tool with an improper power cord or extension cord.
- » Operate this tool only when plugged into a properly grounded outlet that supplies the specified power and is protected by a 16 Amp circuit breaker.

Physical Hazards

Log splitting introduces specific physical hazards. Never operate this tool without wearing proper safety gloves, hard-toed shoes, and approved eye protection.

- » Be aware of produced splinters to prevent injury and logs splitting or jamming the tool.
 - » Never attempt to split logs that are too large or too small to fit properly within the tool.
 - » Never attempt to split logs containing nails, wire, or other debris.
 - » Maintain a Safe Work Area: Clean up as you work. Accumulated split wood and wood chips create a hazardous work environment.
- Never continue to work in a cluttered area, as this may cause you to slip, trip, or fall.
- » Keep all onlookers away from this tool. Never allow unauthorized persons to operate this tool.
 - »
- NOTICE:** While the safety warnings in this manual are critical, the operator's common sense must also be applied when using the log splitter.

SPECIAL SAFETY REGULATIONS FOR THE LOG SPLITTER

WARNING

This powerful Log Splitter may cause special hazards.

Pay special attention to protecting yourself and those around you. Basic safety precautions must be observed to reduce the risk of injury. Please carefully read this operation manual before commencing work

1. This machine must only be used by one operator.
2. Never split logs larger than the specified log size capacity.
3. The log must not contain nails, which may be ejected or damage the machine.
4. The log end surface must be cut level, and all branches must be removed from the trunk.
5. The log should be split along the direction of the grain (vein). Never place the log vertically onto the Log Splitter, as this may cause damage.
6. The operator must handle the control device with both hands and never use other means to actuate the control device.
7. The Log Splitter must only be operated by adults who have read this operation manual. Anyone who has not read this manual is forbidden to use this Log Splitter.
8. Never split two logs simultaneously, as the logs may jump up, creating a dangerous situation.
9. Never place or change a log while the machine is running, as this is very dangerous.
10. When the machine is running, keep bystanders and animals at least 5 meters away.
11. Never tamper with the electrical or working parts of the log splitter.
12. If a log is hard or difficult to split, do not force the log splitter for more than 5 seconds. If this occurs, stop the machine, rotate the log 90°, and start the process again. If the log still does not split, stop the machine, remove the log, rotate it again, and repeat the process.
13. Never leave the running machine unattended. If the machine is not operating, stop the machine and unplug the power.
14. Never use this machine near natural gas, a gasoline tank, or other flammable materials.
15. Never open the switch box or electrical motor cover. If required, contact a qualified electrician.
16. Ensure the machine and cable are kept away from water.
17. Handle the power cable with care. Never yank or tear the power cable. Keep the cable away from high temperatures, oil, and sharp objects.

Recommended Hydraulic Oil

- » SHELL TELLUS T22
 - » ARAL VITAM Gf22
 - » SP ENERGOL HCP22
 - » MOBIL DTELL
 - » Or equivalent oils
- Never use other kinds of oils.

CARBON MONOXIDE HAZARD

- » Carbon monoxide is a colorless and odorless gas. Inhaling this gas can cause death as well as serious long term health problems such as brain damage.
- » The symptoms of carbon monoxide poisoning can include but are not limited to the following: Headaches, dizziness, nausea, breathlessness, collapsing or loss of consciousness.
- » Carbon monoxide poisoning symptoms are similar to the flu, food poisoning, viral infections and simply tiredness. It is quite common for people to mistake this very dangerous poisoning for something else.
- » To avoid carbon monoxide poisoning DO NOT use Petrol/Diesel powered equipment inside any of the following: Home, garage, tent, camper van, mobile home, caravan or boat. This is not exhaustive and if you are in any doubt contact your dealer.
- » If you think you have or someone around you has been affected by carbon monoxide poisoning: Get them fresh air immediately, by leaving the affected area or by opening doors and windows. If safe and practical to do so make sure that the machine is turned off.
- » DO NOT enter a room you suspect of have carbon monoxide present- instead call the emergency services.
- » Contact a Doctor immediately or go to Hospital - let them know that you suspect carbon monoxide poisoning.
- » DO NOT use in an enclosed area or moving

MAINTENANCE SAFETY

- » **Responsibility:** Good maintenance is your responsibility; poor maintenance is an invitation to trouble.
- » **Cleanliness:** Keep service area clean and dry.
- » **Grounding:** Be sure electrical outlets and tools are properly grounded.
- » **Lighting:** Use adequate light for the job at hand.
- » **Engine Off:** Make sure the engine is off before you begin any maintenance or repairs. This will eliminate several potential hazards.

STORAGE SAFETY

Follow the steps below to prepare your tiller for storage. Read your engine manual for detailed instructions on preparing the engine for storage.

1. **Rust Protection:** Protect wheels and axles from rust:
 - » Remove lock pin and slide wheel off hub.
 - » Coat the axles lightly with axle grease.
 - » Slide wheel back on hub and insert lock pin.
2. **Fuel System:** Drain fuel system completely following Engine manufacturer's instructions or add fuel stabilizer to prevent fuel from gumming up during extended storage period.
3. **Oil Change:** While engine is still warm, drain the oil from the engine. Refill with fresh oil of the recommended grade.
4. **Cleaning:** Clean external surfaces, engine, and cooling fan.
5. **Spark Plug:** Remove spark plug, pour one ounce of SAE 30 oil into spark plug hole.
6. **Storage Location:** Transport unit to a suitable storage location. If you have chosen to use a fuel stabilizer and have not drained the fuel system, follow all safety instructions storage precautions in this manual to prevent the possibility of fire from the ignition of gasoline fumes. Remember, gasoline fumes can travel to distant sources of ignition and ignite, causing risk of explosion and fire.
7. **Unauthorized Use:** If there is any possibility of unauthorized use or tampering, remove the spark plug and store it in a safe place before storing the tiller unit. Be sure to plug the spark plug hole to prevent foreign material from entering.

ASSEMBLY AND OPERATION

Check Before Assembly

Remove all contents from the carton and verify that all parts are present. Check each part for transit damage before assembly. If any parts are damaged, contact the sales and helpline for advice.

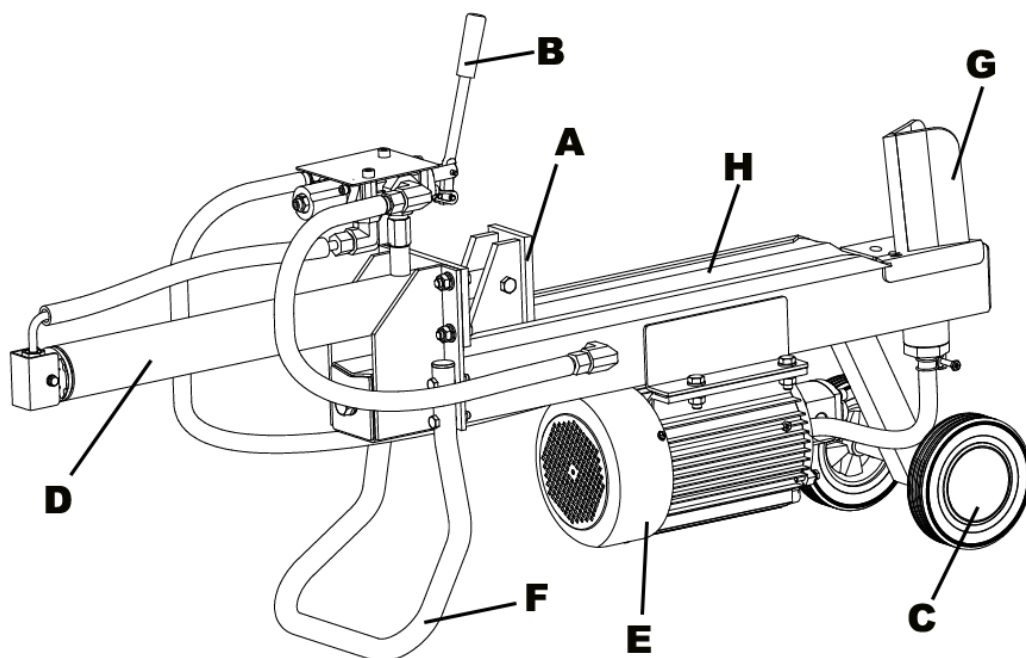


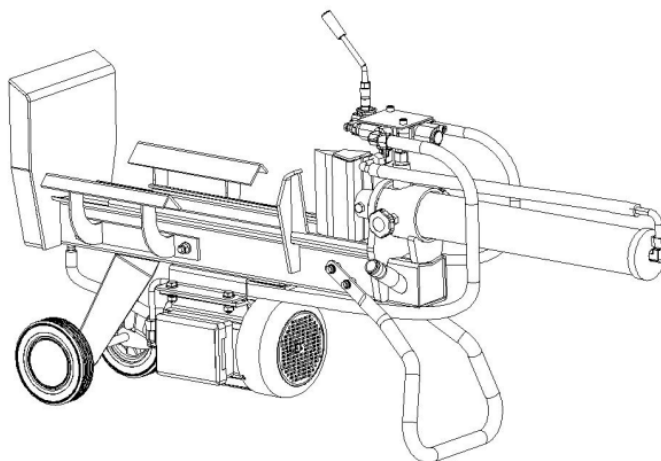
Figure 1: List of Major Components

- | | |
|---------------------------------|------------------------|
| A --- Pusher | E --- Electrical motor |
| B --- Operating handle assembly | F --- Carrying handle |
| C --- Wheel | G --- Wedge |
| D --- Cylinder | H --- Main body |

All screws, bolts, washers, and jigs are contained in the packing box.
(The complete list is on the attached part list)

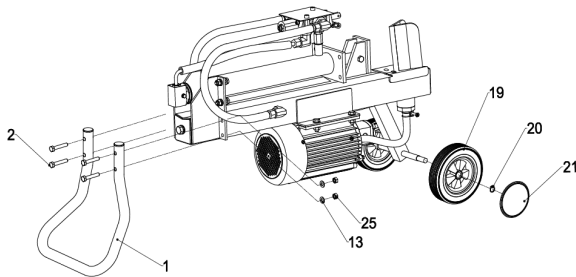
Installation of Wheel

Carefully remove the Log Splitter from the packing box with the help of a second person and place it onto the protective foam material (the foam material is included in the packing box with the machine).

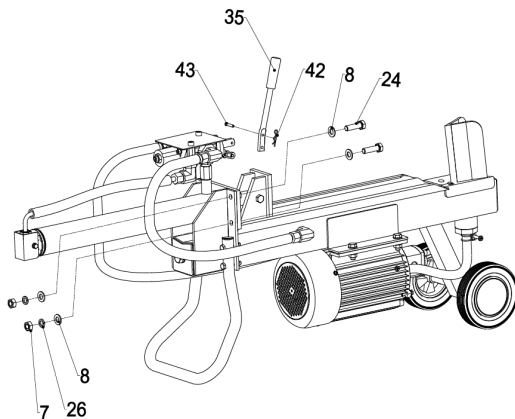


ASSEMBLY

1. Assemble wheels (#19) with the $\Phi 13$ shaft ring (#20) and wheel cover (#21)108. Then, assemble the carrying handle (#1) using hex screw M8x45 (#2), $\Phi 8$ flat washer (#13), and lock nut (#25)109.
2. Install the handle (#35) with the pin shaft



(#43) and pin (#42)110. Pull the cylinder out and assemble the cylinder seat to the main body using hex screw M10x35 (#24), $\Phi 10$ flat washer (#8), $\Phi 10$ spring washer (#26),



and nut M10 (#7)111.

3. Open the oil tank cap and inject hydraulic oil according to the specification sheet.
4. The Log Splitter is now ready for operation.

OPERATION

1. Plan your Worksite: Plan your work beforehand to ensure safety and efficiency. Position your logs for easy access. Designate a site for stacking the split wood or loading it onto a nearby truck or carrier.
2. Prepare Logs: This splitter accommodates logs up to 520 mm in length. Do not cut sections longer than the specified length. Do not attempt to split green logs. Dry, seasoned logs split much more easily and will not jam as frequently as green wood (due to moisture).
3. Cable Management: Route the power cable and locate an appropriate power outlet. Use an adequate extension cable if required. Route the cable safely to prevent damage during the working process and to prevent persons from tripping.
4. Position the Splitter: Position the log splitter securely on level ground or a stable stand. If necessary, block the wheels to prevent the log splitter from moving during use.
5. Place Log: Place the log lengthwise and flat on the Main Body (H in Figure 1). The log must lie flat on the splitter. Never attempt to split a log at an angle. Ensure the Wedge (G in Figure 1) and Log Pusher (A in Figure 1) contact the log squarely on the ends.
6. Splitting Process:
 - 6.1. Press the Electric Motor Start Switch.
 - 6.2. Wait a few seconds for the motor to reach full speed and build pressure in the hydraulic pump.
 - 6.3. When safe to do so, depress the Operating Handle (B in Figure 1).
 - 6.4. The Split Pusher (A in Figure 1) will compress the log, pushing it against the Wedge (G in Figure 1) and splitting the log.
 - 6.5. Once the log is split, push the Handle back, and the split wedge will return.

⚠ WARNING

If the log does not split immediately, do not force it by maintaining thrust for more than a few seconds. Forcing it can damage the tool. It is better to try repositioning the log on the splitter or setting the log aside.

7. Stacking: Stack wood as you work. This provides a safer work area by keeping it uncluttered and avoiding the danger of tripping or damaging the power cable.

Never use a hammer on a jammed log , or place your hands near the log when attempting to free it. When attempting to free a jammed log, never ask other people to manipulate the machine. If the supporting feet are blocked, never attempt to remove them by striking with a tool, as this may damage the motor assembly.

SHARPENING THE WEDGE

After extended periods of operation, or when required, sharpen the wedge carefully using a fine-toothed file. Remove any burrs or rough spots that may have developed on the edge.

TROUBLE-SHOOTING

The table below shows potential problems encountered when using the log splitter and recommended corrective actions.

Note: If operation is performed by unauthorized operators, the guarantee is null and void, and the manufacturer is not responsible for any injury to the operator, bystanders, animals, or for any damage.

Problem	Probable cause	Corrective action
Log fails to split	Incorrect positioning of the log	Position the log correctly.
	Log exceeds permitted dimensions, or the wood is too hard for the machine's capacity.	Try cutting a small section or using other means to reduce the log's size.
	Wedge is dull (does not cut).	Sharpen the wedge; check for burrs or nicks and file if necessary.
	Hydraulic pressure too low.	Locate the leak using a piece of card or wood. Contact your dealer.
Log Pusher/Ram advances jerkily or with strong upward vibrations	Air in the hydraulic circuit.	Check the oil level. Fill oil if necessary. If the problem persists, contact your dealer.
Oil leak from the Cams or from other external points	Leakage confirmed.	Confirm the leakage position. After confirmation, determine the next appropriate action.

SPECIFICATION

MODEL	BBT-LS-7T
Electrical Motor	240 volts / 50 hz
Max .Force	Horsepower (2300Watts)
Log Size Capacity	520 mm (length) / 50-300 mm (diameter)
Ram Travel	470 mm
Ram Diameter	55 mm
Hydraulic Oil Capacity	4 liters
Overall Dimensions (L x W x H)	930 mm x 280 mm x 500 mm
Net Weight	49 kg

WARRANTY

This product comes with a 2-year parts warranty for all items used for domestic purposes from the date of purchase. For products used for commercial purposes, the warranty period is 3 months.

Warranty coverage does not include damage caused by normal wear and tear, accidents, misuse, lack of maintenance, neglect, natural disasters, or other external causes. Additionally, damage caused by operating the equipment in a manner outside the described instructions will not be covered. The warranty is considered void if the item has been modified, altered, or tampered with by a person, excluding standard periodic maintenance.

The warranty does not cover consumables such as tyres, blades, belts, brakes, chains, clutches, bearings, and pull starts.

Misuse or Abuse: We do not offer a warranty on items damaged due to misuse, abuse, or infrequent servicing. No refund or exchange will be provided in such instances. Please check each item description for further warranty details, as some specific components of power equipment are not covered. Warranties do not cover issues arising from lack of oil in engines or improper oil-fuel mixtures where required

Australian Consumer Law: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if they fail to be of acceptable quality and the failure does not amount to a major failure.

Customer Support

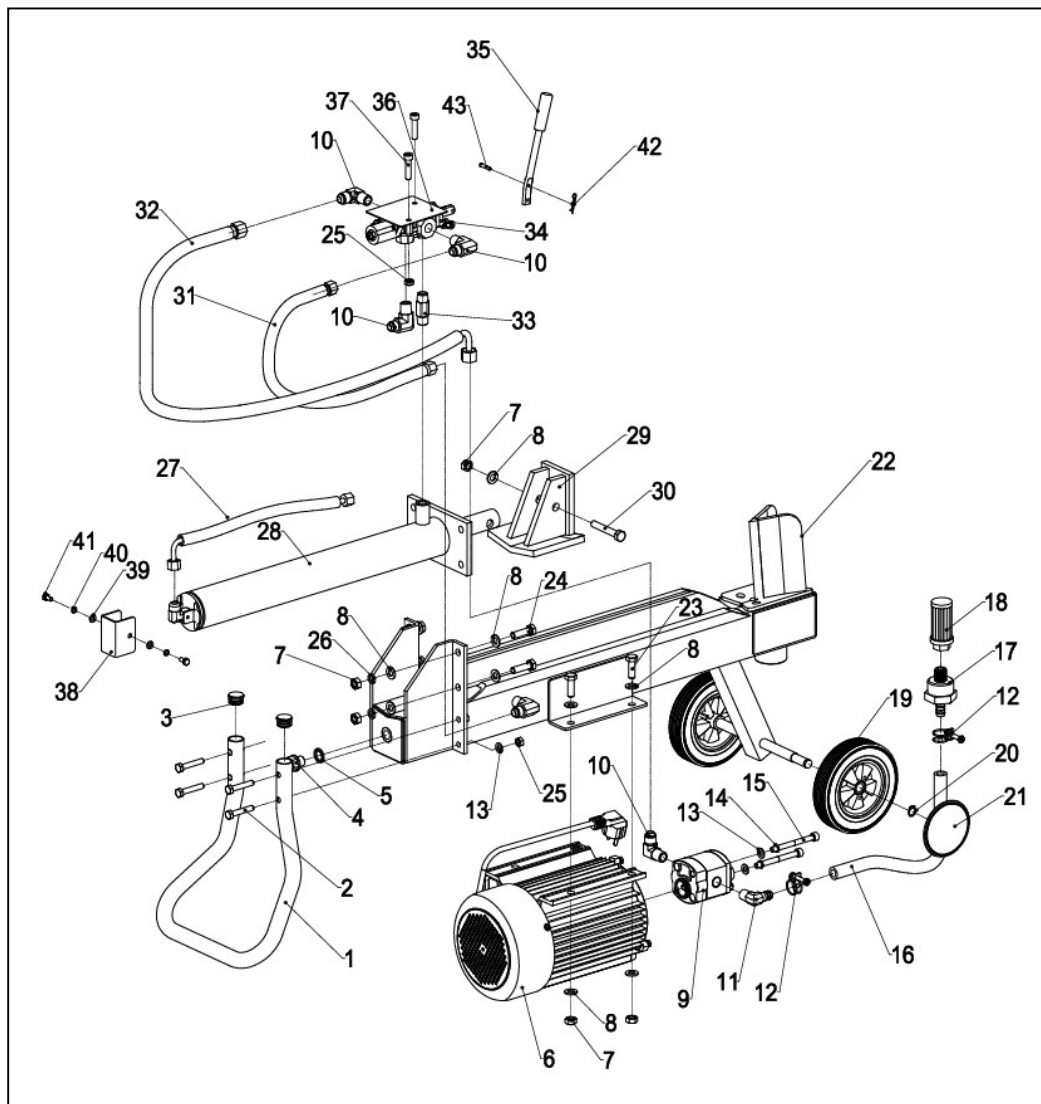
For further assistance, kindly reach out to our dedicated Customer Support Department at Bigger Boyz Toyz. We are here to assist you.

Phone: 02 4257 4787

Email: bbt@bbta.com.au

Warehouse: Unit 2/3 Delta Place, Albion Park Rail NSW 2527

EXPLODED VIEW



SPARE PARTS LIST

NO.	NAME	QTY
1	CARRYING HANDLE	1
2	M8x45 BOLT	4
3	TUBE GAP	2
4	DRAN BOLT M16-1.5	1
5	COMBINATION WASHER ϕ 16	1
6	MOTOR	1
7	M10 LOCK NUT	9
8	Φ 8 FLAT WASHER	17
9	GEAR PUMP	1
10	CONNECTOR 3/8-M18x1.5	3
11	PUMP INLET PIPE CONNECTOR	2
12	HOOP	4
13	Φ 8 FLAT WASHER	6
14	Φ 8 SPRING WASHER	2
15	INNER HEX SCREW M8x85	2
16	SUCTION PIPE	1
17	INLET PIPE CONNECT	1
18	OIL FILTER	1
19	WHEEL 6"	2
20	Φ 13 SHAFT RING	2
21	WHEEL COVER	2
22	MAIN BODY	1
23	BOLT M10x30	4
24	BOLT M10x35	4
25	M8 LOCK NUT	6
26	Φ 10 SPRING WASHER	4
27	OIL TUBE B	1
28	CYLINDER	1
29	PUSHER	1
30	BOLT M10x65	1
31	OIL TUBE C	1
32	OIL TUBE A	1
33	PIPE CONNECTOR	1
34	CONTROL VALVE	1
35	OPERATING HANDLE	1
36	NAME PLATE	1
37	INNER HEX SCREW M8x40	2



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