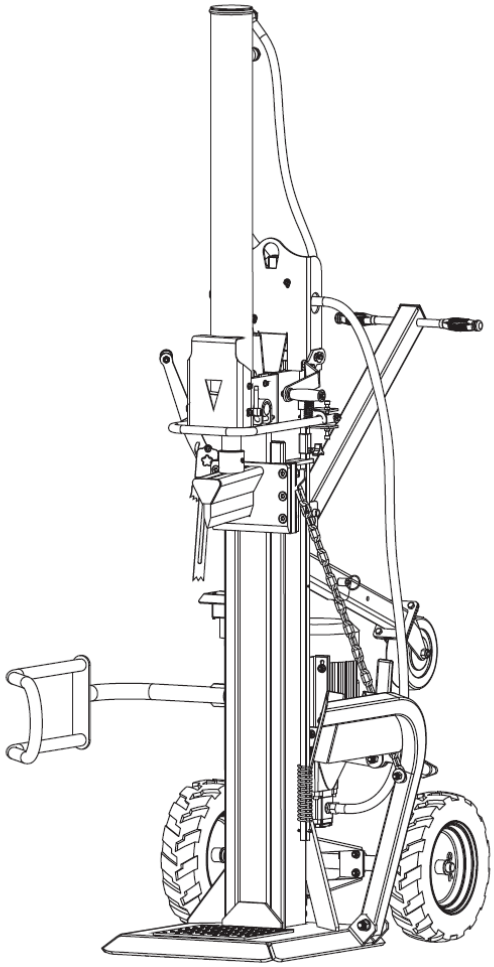
VARI®



HYDRAULIC LOG SPLITTER

Instructions for use (Original instructions for use) 2018

FOR YOUR SAFETY

READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING THE MACHINE

MODEL: VARI 18 TON SUPER FORCE
SERIAL NUMBER:

Both model number and serial number may be found on the main label.
You should record both of them in a safe place for future use.

Save This Manual for Future Reference

TABLE OF CONTENTS

INTRODUCTION

Your new log splitter will more than satisfy your expectations. It has been manufactured under stringent quality standards to meet superior performance criteria. You will find your new unit easy and safe to operate, and with proper care, it will give you many years of dependable service.

Carefully read through this entire operator's manual before using your new log splitter. Take special care to heed the cautions and warnings.

ENVIRONMENT

Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be resorted, taken to the local recycling centre and disposed of in an environmentally safe way.

SYMBOLS

The rating plate on your machine may show symbols. These represent important information about the product or instructions on its use.

Read these instructions in full before using the machine.

Wear safety footwear!

Wear protective gloves!

Wear eye protection!
Wear hearing protection!

Keep your work space tidy!
Untidiness may result in accidents.

Do not remove or tamper with any protection or safety devices.

Do not smoke or have open flames.

Dispose of the used oil in an environment-friendly way.

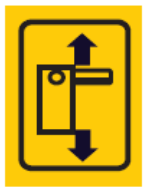
Do not use in the rain.

Danger! Keep clear of moving parts!

Do not remove jammed logs with your hands.

Caution! Thrown objects.

Before starting any repairs, maintenance or cleaning, always disconnect the power.



Avoid injury from the movement of the splitting blade.

Keep bystanders away from the working area.

SAFETY

SAFETY WARNINGS & INSTRUCTIONS

- **UNDERSTAND YOUR LOG SPLITTER**

Read and understand the owner's manual and labels affixed to the log splitter. Learn its application and limitations as well as the specific potential hazards peculiar to it. Be thoroughly familiar with the controls and their proper operation.

- **DRUGS, ALCOHOL AND MEDICATION**

Do not operate the log splitter while under the influence of drugs, alcohol or any medication that could affect your ability to use it properly.

- **AVOID DANGEROUS CONDITIONS**

Always operate your log splitter on dry, solid, level ground. Never operate your log splitter on slippery, wet, muddy or icy surfaces. The location you choose should be free from any tall grass, brush or other interferences. There should be plenty of room for handling, and help the operator stay alert. Keep your work area clean and well lighted. Cluttered areas invite injuries. To avoid tripping, do not leave tools, logs or other components lying around the work area. Do not use the log splitter in wet or damp areas or expose it to rain. Do not use it in areas where fumes from paint, solvents or flammable liquids pose a potential hazard.

- **INSPECT YOUR LOG SPLITTER**

Check your log splitter before turning it on. Keep guards in place and in working order. Form a habit of checking to see that keys and adjusting wrenches are removed from tool area before turning it on. Replace damaged, missing or failed parts before using it. Make sure all nuts, bolts, screws, hydraulic fittings, hose clamps, etc. are securely tightened. Always check the oil level in the hydraulic oil tank. Never operate your log splitter when it is in need of repair or is in poor mechanical condition. Before starting work, test the stopping devices to keep them in safe working condition.

- **DRESS PROPERLY**

Do not wear loose clothing, gloves, neckties or jewellery (rings, wrist watches). They can be caught in moving parts. Protective, electrically non-conductive gloves, non-skid footwear and hearing protection are recommended when working. Wear protective hair covering to contain long hair, preventing it from get caught in machinery.

- **PROTECT YOUR EYES AND FACE**

Any log splitter may throw foreign objects into the eyes. This can cause permanent eye damage. Always wear safety goggles. Everyday eyeglasses have only impact resistant lenses. They are not safety glasses.

- **EXTENSION CORDS**

Improper use of extension cords may cause inefficient operation of the log splitter, which can result in overheating. Be sure the extension cord is not longer than 10 m and its section is not less than 2.5 mm^2 to allow sufficient current flow to the motor. Avoid use of free and inadequately insulated connections. Connections must be made with protected material suitable for outdoor use.

- **AVOID ELECTRICAL SHOCK**

Check that the electric circuit is adequately protected and that it corresponds with the power, voltage and frequency of the motor. Check that there is a ground connection. Ground the log splitter. Prevent body contact with grounded surfaces: pipes, radiators, ranges, and refrigerator enclosures. Never open the switch / plug box. Should this be necessary, contact a qualified electrician. Make sure your fingers do not touch the plug's metal prongs when plugging or unplugging the log splitter.

- **PREVENT FIRES**

Do not smoke or have open flames when operating or refilling the log splitter. Never operate the log splitter near a flame or candle. Oil is flammable and can explode.

- **KEEP BYSTANDERS AWAY**

Allow only one person to load and operate the log splitter. Always keep bystanders, including visitors, children and pets away from the work area, especially when the log splitter is under operation. Only the operator should stand near the machine and only within the safe operating area prescribed in this manual. Never use another people to help you with freeing jammed log. No one under the age of 16 should be allowed to operate the log splitter. Any individual under the age of 18 should have the necessary training, skills to perform the functions properly and safely and should always be under the supervision of adult.

- **INSPECT YOUR LOG**

Never attempt to split logs containing nails, wire or debris. Always make sure that 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. Branches must be cut off the trunk.

- **DON'T OVERREACH**

Keep proper footing and balance at all times. Never stand on log splitter. Serious injury could occur if the tool is tipped or if the cutting tool is unintentionally contacted. Do not store anything above or near the log splitter where anyone might stand on the tool to reach it.

- **AVOID INJURY FROM UNEXPECTED ACCIDENT**

Do not straddle or reach across the splitting area when operating the log splitter. Never pile logs to be split in a manner that will cause you to reach across the log splitter. Only use your hands to operate the control levers. Never use your foot, knee, a rope or any other extension device. Always pay full attention to the movement of the wedge ram. Never attempt to load your log splitter while the ram is in motion. Keep hands out of the way of all moving parts. Never try to split two logs on top of each other. One of them might fly up and hit you.

- **PROTECT YOUR HANDS**

Keep your hands away from splits and cracks which open in the log. They may close suddenly and crush or amputate your hands. Do not remove jammed logs with your hands.

- **DON'T FORCE TOOL**

It will do a better and safer job at its design rate. Don't use log splitter for a purpose for which it was not intended. Do not alter the equipment, or use the equipment in such a way as to circumvent its design capabilities and capacities. Never try to split logs larger than those indicated in the specifications table.

- **DISCONNECT POWER**

Unplug when not in use, before making adjustments, changing parts, cleaning or working on the log splitter. Consult technical manual before servicing.

- **MAINTAIN YOUR LOG SPLITTER WITH CARE**

Before cleaning, repair, inspecting or adjusting, shut off the machine and make certain all moving parts have stopped. Always clean the unit after each use. Keep the log splitter clean for best and safest performance. Follow instructions for lubricating. Inspect all hydraulic seals, hoses and couplers for leaks prior to use. Control levers and power switch must be kept clean, dry and free from oil and grease at all times.

- **PROTECT THE ENVIRONMENT**

Take used oil to an authorized collection point or follow the stipulations in the country where the log splitter is used. Do not discharge into drains, soil or water.

- **MAKE THE WORKSHOP CHILDPROOF**

Lock the shop. Store the log splitter away from children and others not qualified to use it.

- **DEAL WITH ACCIDENT**

Always have a fire extinguisher and a first aid kit available for use should the need arise. In emergency always know the location of the nearest phone or keep a phone on the job site. Also know the phone numbers of the nearest ambulance, doctor and fire department. This information will be invaluable in the case of an emergency.

- **SPECIAL WARNING**

- The splitting operation of the machine is designed to be activated by one person. While there is the possibility that additional operators could be working with the machine (e.g. for loading and unloading), only one operator should activate splitting operations;
- The machine shall not be used by children;
- Description of functional tests of the machine;
- The installation and maintenance requirements including a list of those devices e.g. two-hand control device which should be verified, how frequently the verification shall be carried out and by what method.

SPECIFICATIONS

Model		**65698**
Trade Name		**VARI 18 TON SUPER FORCE**
Motor (400 V 3N~ 50 Hz)		S6 40 % IP54 4500 W
Log Size Capacity	**Diameter**	8-32 cm
	Length	56-110 cm
Maximum Force		18 t ± 10 %
Hydraulic Pressure		27,8 MPa
Hydraulic Oil Capacity		18 l
Ram Travel		94,8 cm
Speed	**Forward**	12,6 cm/s
		4,8 cm/s
	Retract	6,4 cm/s
Noise Pressure Level (LpA)		≤ 80 dB (A)
Vibration		2,5 m/s^2
Overall Sizes	**Length**	105 cm
	Width	155 cm
	Height	250 cm
Weight		262,3 kg

S6 40%, continuous operation periodic duty: time of one load cycle is 10 minutes, operation time at constant load is 4 minutes, operation time at no-load is 6 minutes.

APPLICATION CONDITIONS

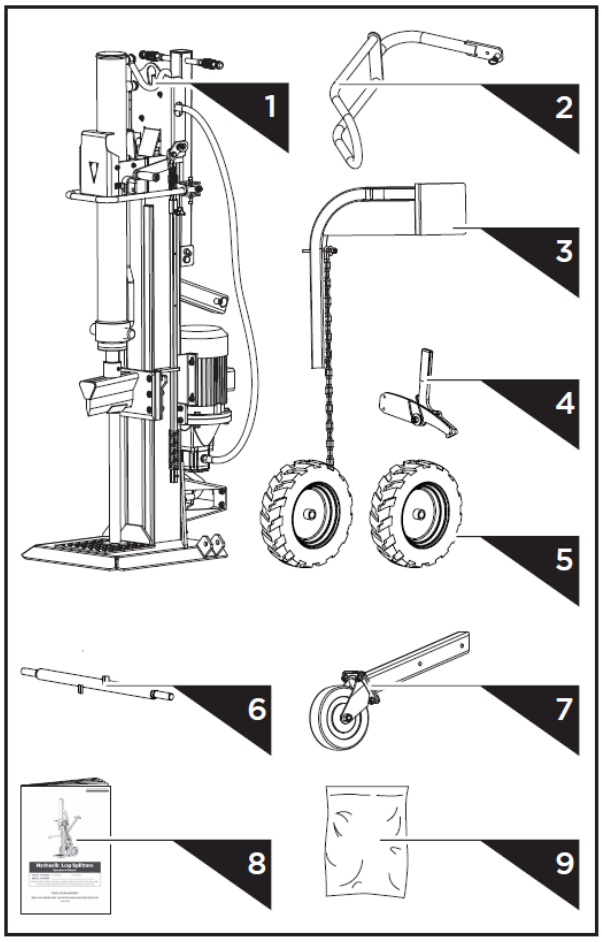
This log splitter is designed for operating under ambient temperatures between +5°C and +40°C and for installation at altitudes not more than 1000 m above M.S.L. The surrounding humidity should be less than 50 % at 40°C. It can be stored or transported under ambient temperatures between –25°C and +55°C.

ELECTRICAL REQUIREMENTS

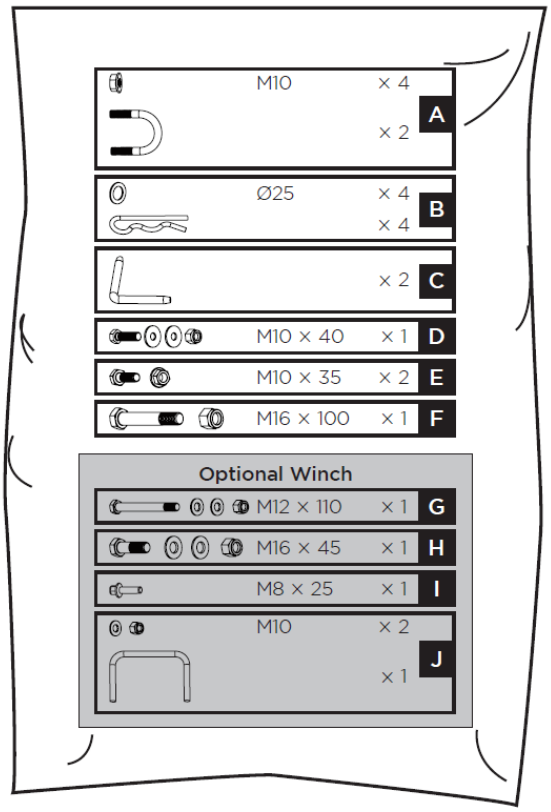
With 3 phase 400 Volt / 50 Hz motor, the log splitter should be connected to standard 400V ± 10 % / 50 Hz ± 1 Hz electrical supply which has protection devices of under-voltage, over-voltage, over-current as well as a residual current device (RCD) with maximum residual current rated at 0.03 A.

The mains connection and extension cable must have 5 wires = 3P + N + PE (3/N/PE). The mains connection must have maximum 8 A fuse. Electrical connection rubber cables must comply with IEC 60245, which is always marked with symbol H 07 RN. Cables should be identified, as it is a legal requirement. The cable is not supplied with the machine.

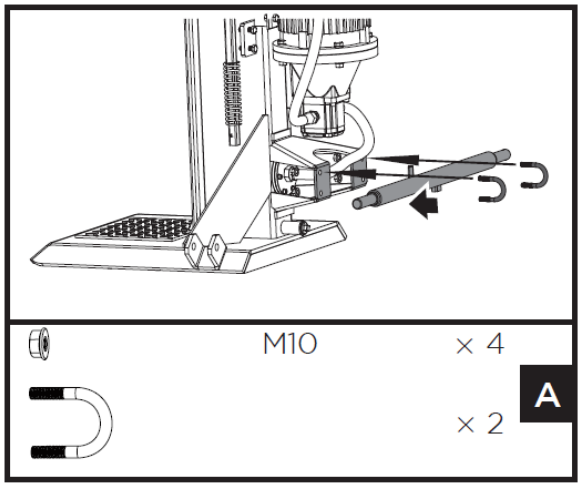
CONTENTS SUPPLIED



1. Log splitter frame & power station
2. Guard arm
3. Log lift
4. Retaining hook
5. Wheel
6. Wheel shaft
7. Support wheel
8. Operator's manual
9. Hardware bag, including

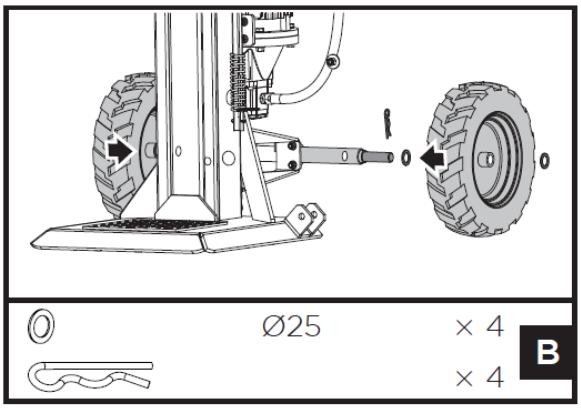


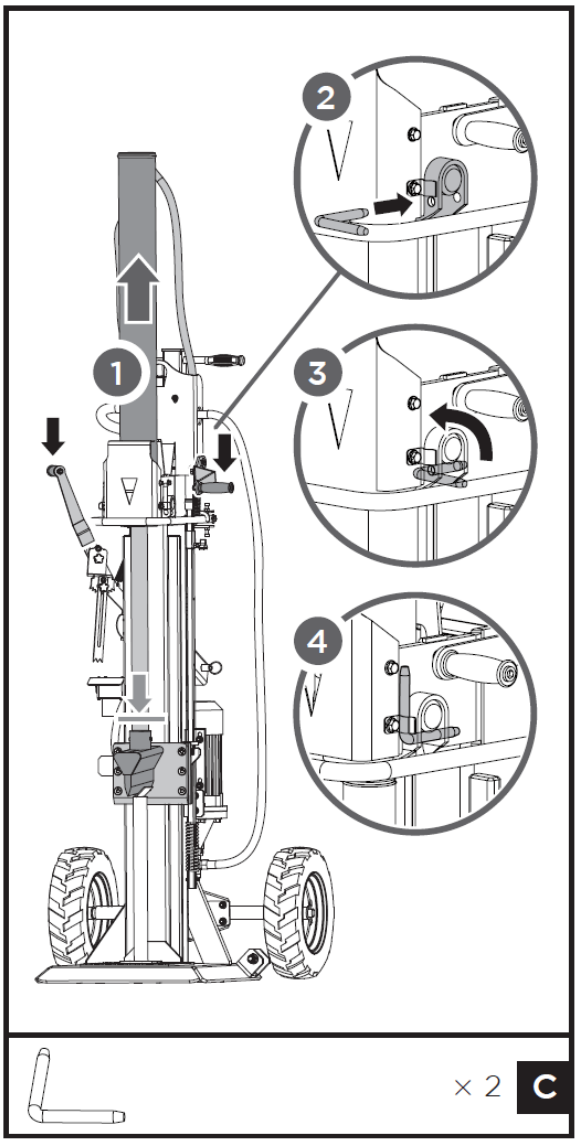
ASSEMBLY



1. Attach the wheel shaft to the splitter with U-bolts and lock nuts.

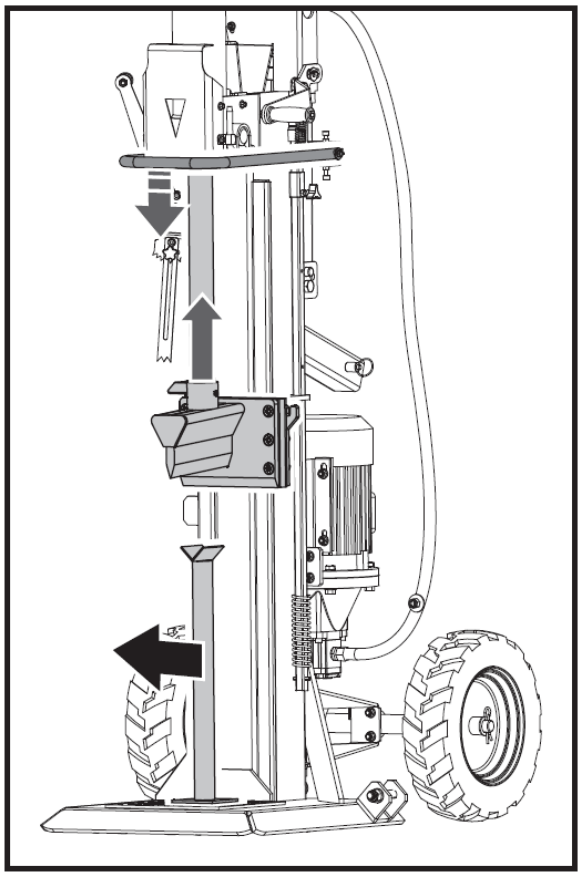
2. Place a washer onto the axle, then a wheel followed by another washer, and secure with a hairpin retainer. Repeat above procedure for the other side.

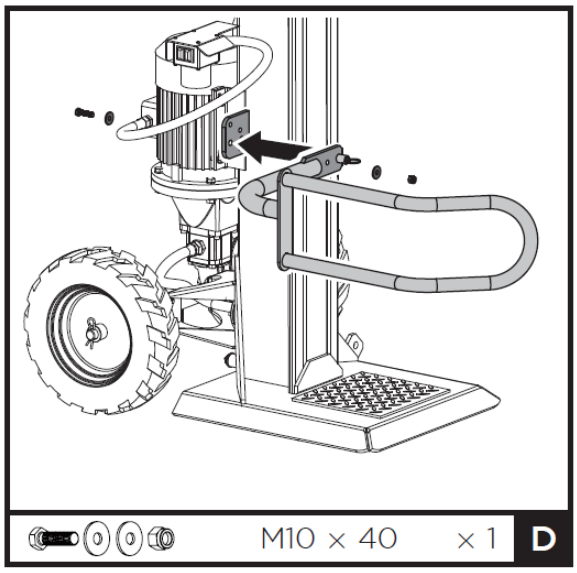




3. Keeping the support stand against the wedge, lower both control handles to expand wedge ram. Insert the L pins to secure the cylinder to the splitter. Lock the L pins into the spring tabs.

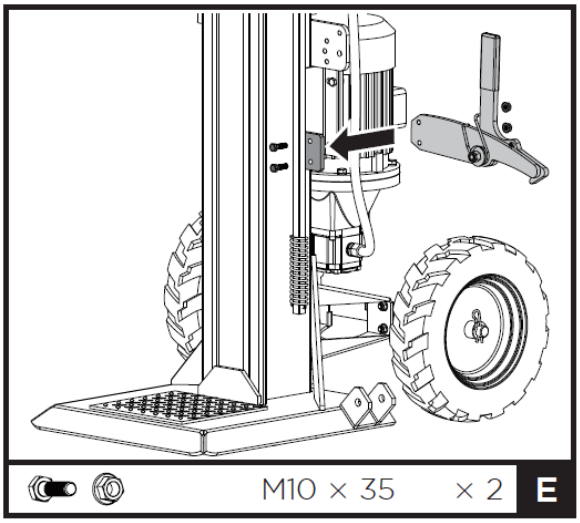
4. Release both control handles to retract the wedge ram. Remove the support stand.

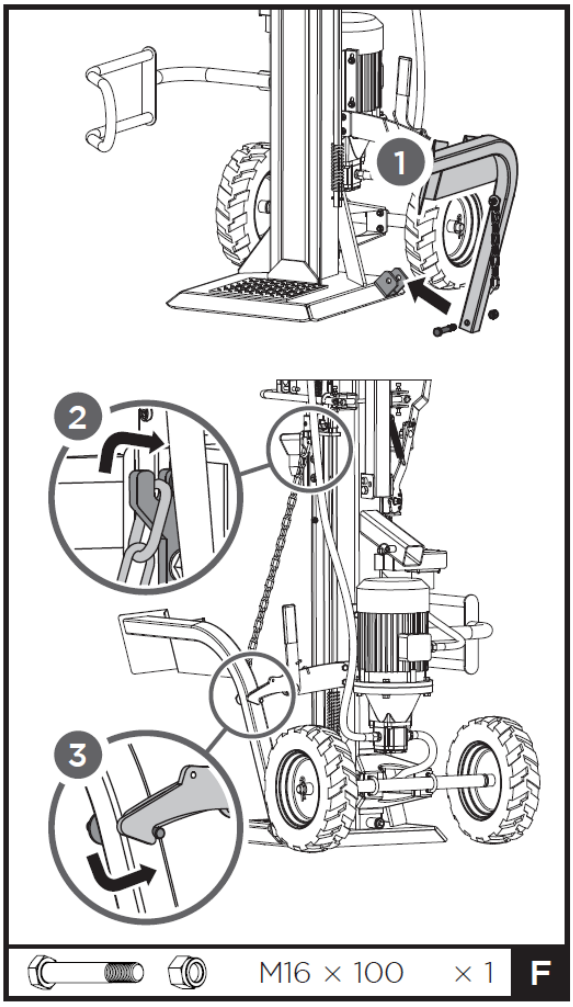




5. Align the hole and locking pin of the guard arm with the mount bracket. Secure the guard arm with an M10x40 hex bolt, two washers and a nut from the hardware bag.

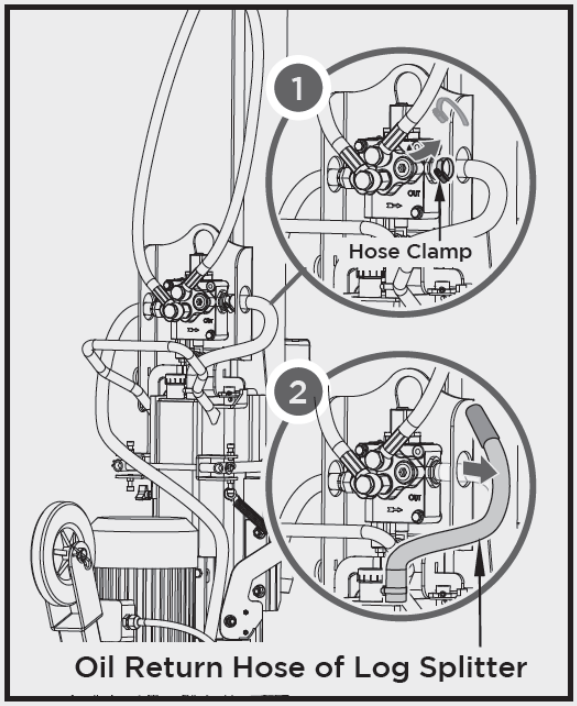
6. Position the retaining hook onto the frame and secure with two M10x35 hex bolts and nuts.





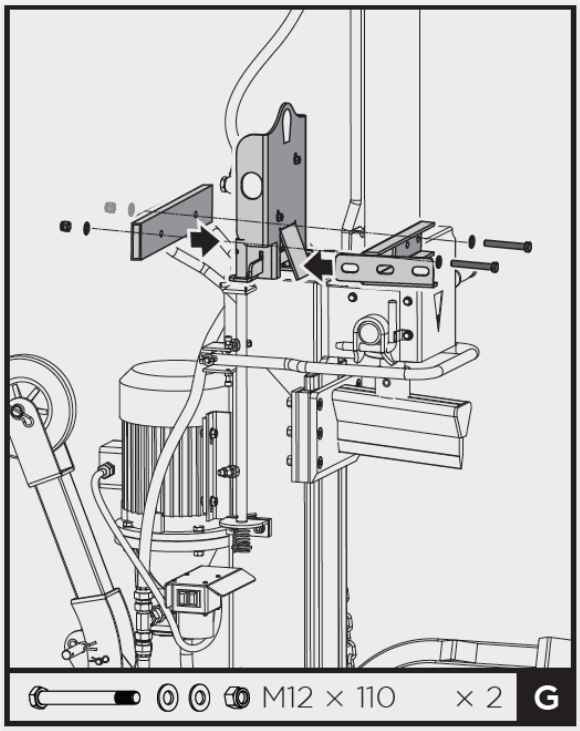
7. Position the log lift inside the mounting bracket and align with mounting bracket holes. Secure with an M16x100 hex bolt and nut. Hook the lift chain to wedge slide guide.

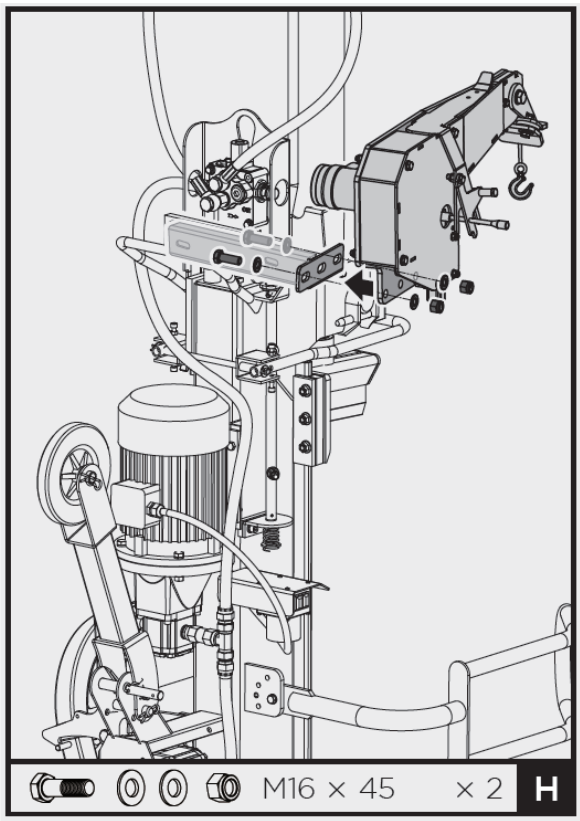
OPTIONAL WINCH ASSEMBLY



Remove the hose connector from port T of the valve and then oil return hose of log splitter.

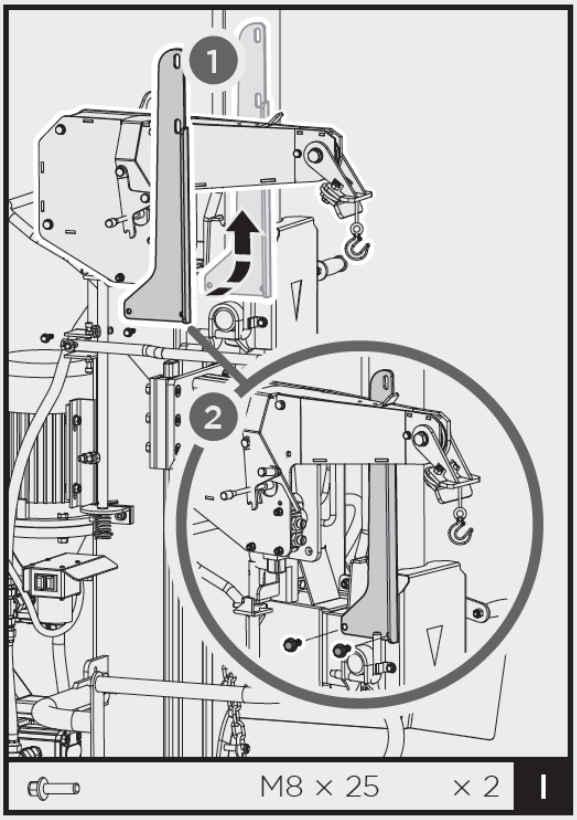
Mount the flat pipe and the bracket to the lifting plate of the log splitter, align the holes and fix them by two M12x110 bolts, washers and nuts.

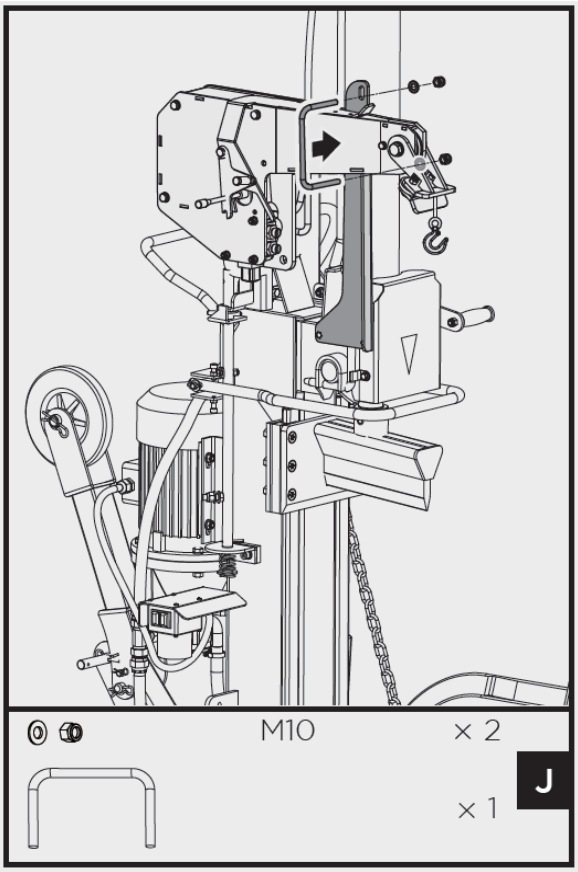




Connect the winch to the bracket by two M16x45 bolts, washers and nuts.

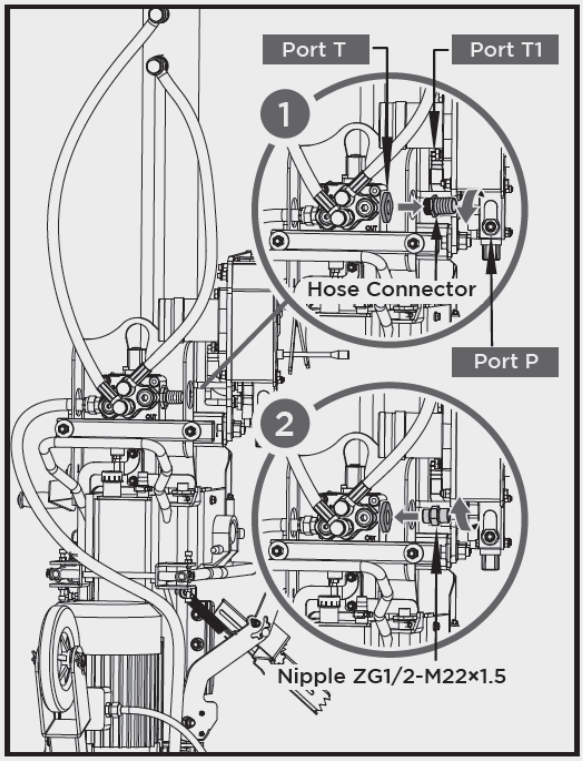
Fix the support plate to the bracket by two M8x25 bolts.

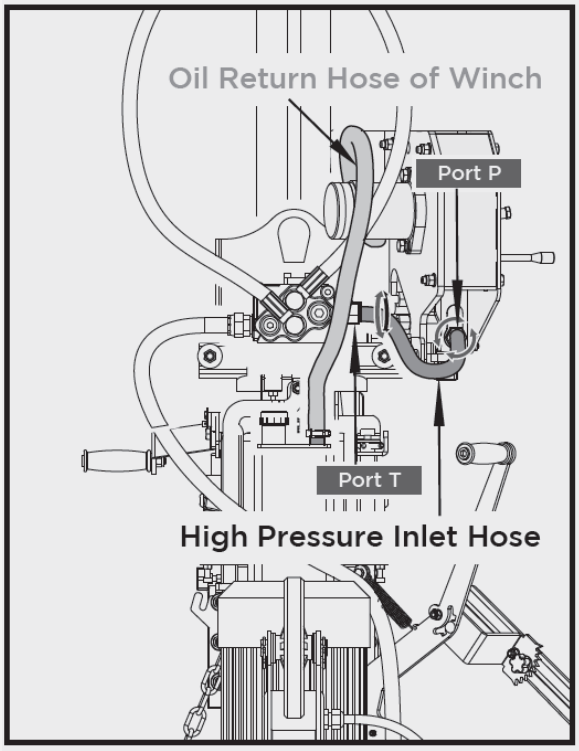




Connect the winch to the support plate by the U-Bolt with washers and nuts.

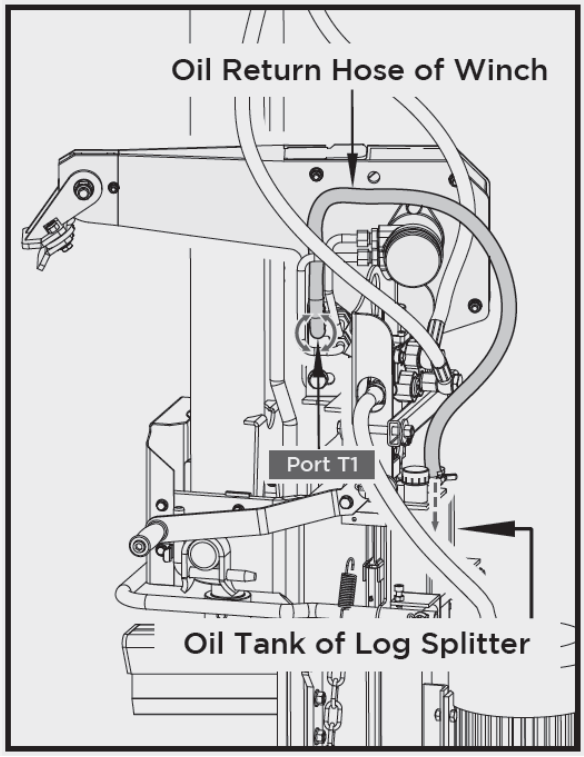
Mount nipple ZG 1/2-M22x1.5 to port T of the valve.



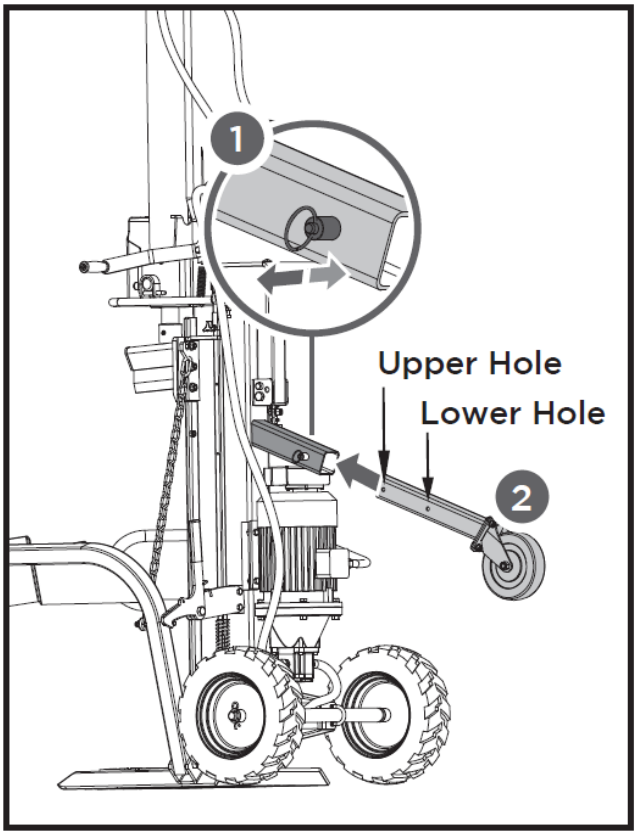


Connect the elbow end of the high pressure inlet hose to the nipple on port T and the other end to port P of winch.

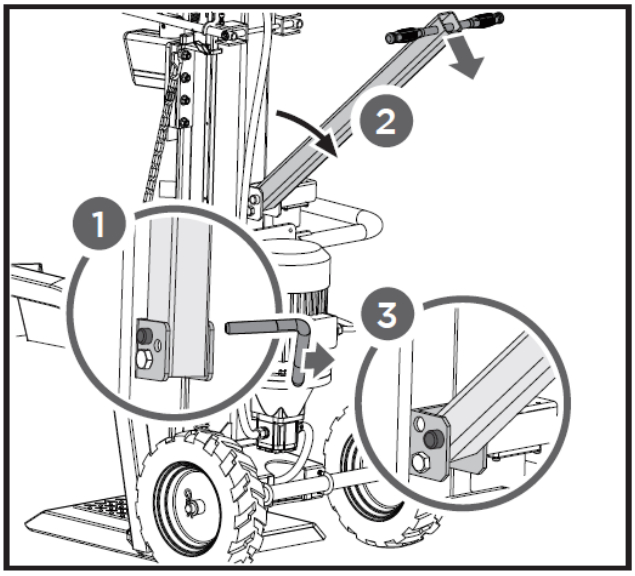
Mount one end of the oil return hose of winch to Port T1 and the other to oil tank of log splitter.



TRANSPORT

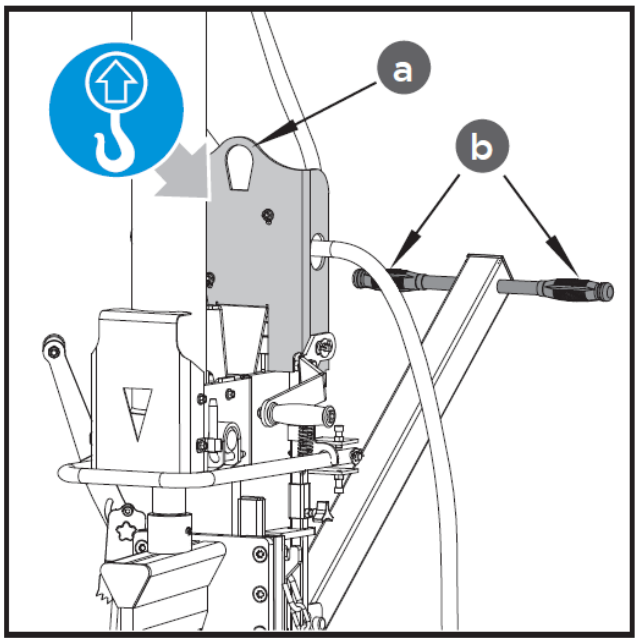


Pull the spring pin and slide the square tube of the support wheel into the holder. Loosen the spring pin to fix it after selecting the appropriate hole.



The transporting handle is fixed upright by the pin with clip for easier delivery.
Remove the clip and pin. Lower the handle in the direction of the arrow as shown and secure it by fixing the pin with clip to the outer hole.

DELIVERING LOG SPLITTER TO WORK SITE



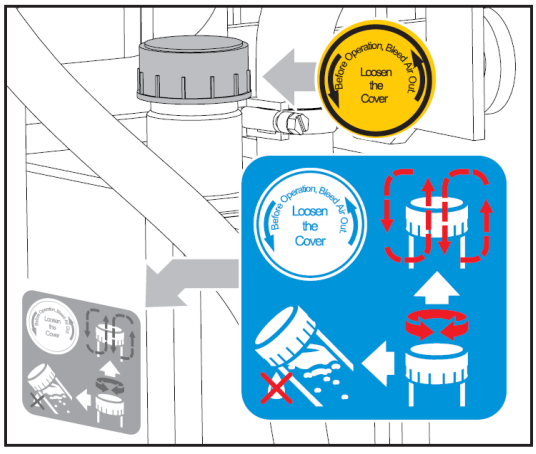
The log splitter is equipped with 2 wheels for minor moving. To move the log splitter to the work site, grip the handle (b) to tilt the log splitter slightly after making sure the oil tank cover is tightened.

If using a crane, lay hoist sling at the lifting point (a). Never try to lift the log splitter at the Handle (b).

SPLITTER OPERATION

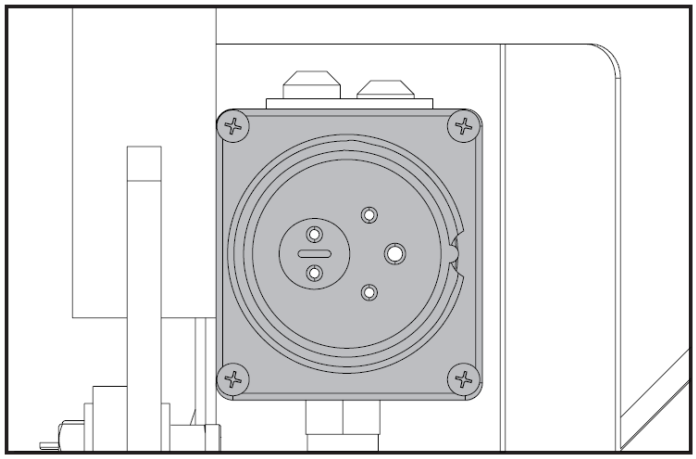
Plan your work site. Work safely and save effort by planning your work beforehand. Have your logs positioned where they can be easily reached. Have a site located to stack the split wood or load it onto a nearby truck or another carrier. Position the log splitter on solid level ground.
Apply a thin coat of grease to the surfaces of the ram before operation will lengthen the durability of the ram.

Bleed the air out of the hydraulic system before starting the log splitter. The cover of the hydraulic oil tank should be loosened by some rotations until air can go in and out of the oil tank smoothly.
Air flow thru the oil tank filler should be detectable during the operations.
Before moving the log splitter, make sure the cover of the oil tank is tightened to avoid oil leaking from this point.



FAILED TO LOOSEN THE OIL TANK COVER WILL KEEP THE SEALED AIR IN HYDRAULIC SYSTEM BEING COMPRESSED AFTER BEING DECOMPRESSED. SUCH CONTINUOUS AIR COMPRESSION AND DECOMPRESSION WILL BLOW OUT THE SEALS OF THE HYDRAULIC SYSTEM AND CAUSE PERMANT DAMAGE TO THE LOG SPLITTER.

Turn the motor switch to the ON position to start the log splitter. To stop the machine, just turn the motor switch to the OFF position.



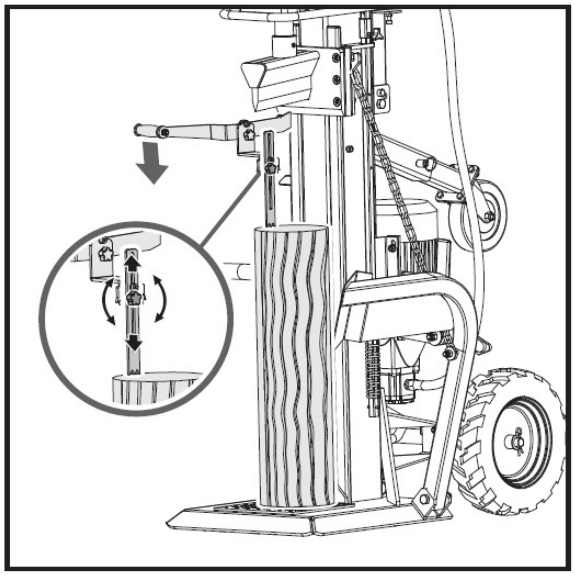
Make sure the direction of motor rotation is correct. Turn the motor on; the wedge ram should rise to the highest position automatically. If the wedge ram is already at the highest position when the motor starts, grip both control levers and lower them, the wedge ram should start to move downward.

If no ram motion is detected after the motor starts, power off the motor immediately to change motor polarity by turning the pole switching device inside the plug with a screwdriver.

400 V 3N

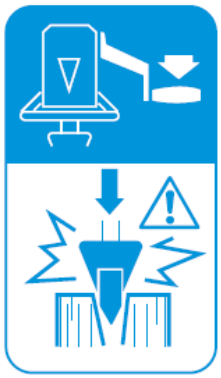
Never allow motor running at counter direction. This will damage the pump and will void the warranty.

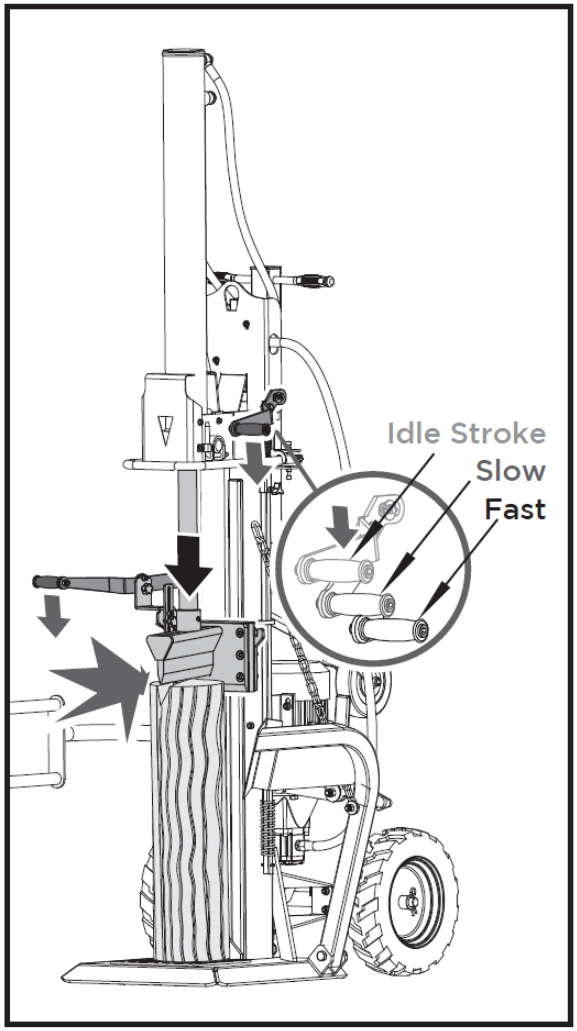
Splitting

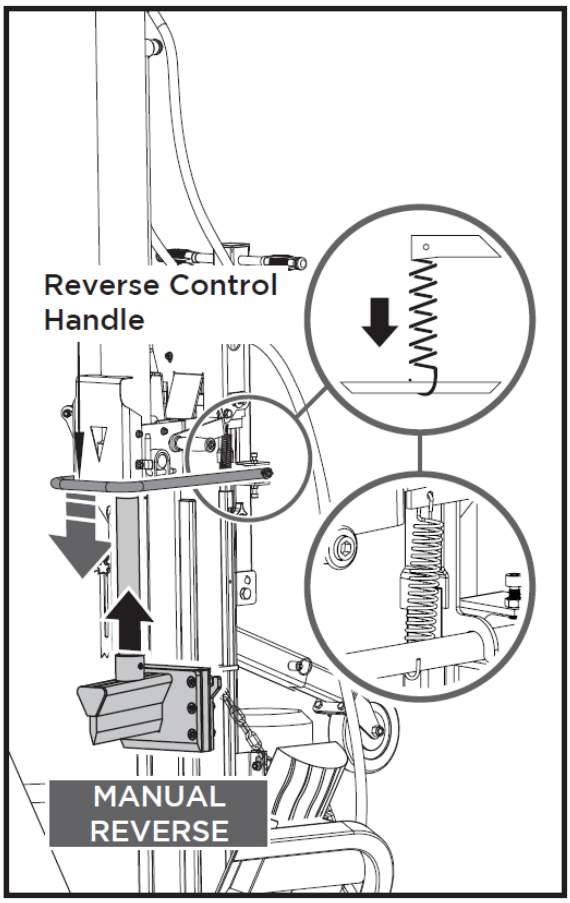


1. Place the log vertically on the support table, so that it lies flat on its face. Press the left lever to lower the extended log fixing claw against the log to secure it. The extended log fixing claw can be adjusted to fit logs with different heights.

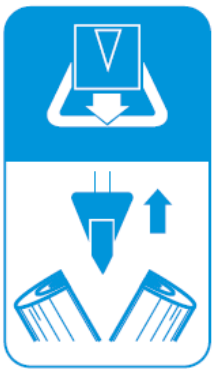
2. Hold the left press lever. Meanwhile, move the splitter wedge down by pressing the right splitting lever to the half stroke to split the log slowly first and then press it to the end until the log is completely split.





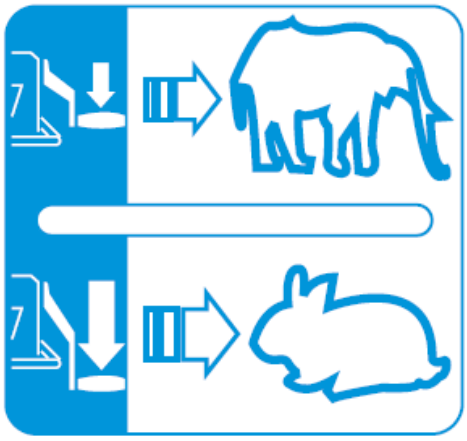


3. Return the splitter wedge to the starting position. Operate the spring-loaded retract control lever to lift wedge above the height of log to be split.



The spring is already connected to the handle in factory.

Splitting Lever



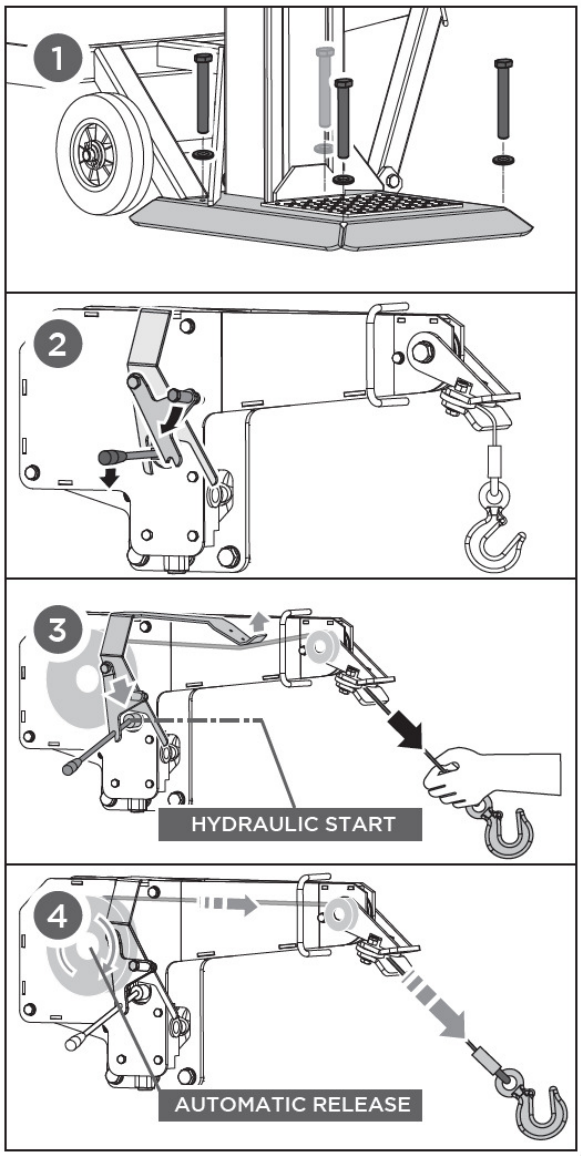
The splitting force and speed are governed by the splitting lever.
The first half stroke of the splitting lever is idle speed; press the splitting lever to the half stroke for maximum splitting force at slower speed to split the log at the beginning or particularly hard and seasoned logs.
Press the splitting lever to the end for faster speed at less splitting force to finish the splitting or to split usual logs.
It can be shifted by simply raising and lowering the splitting lever slightly.

Optional Winch Operation

The accessory hydraulic winch makes it simple and efficient in processing heavy logs.

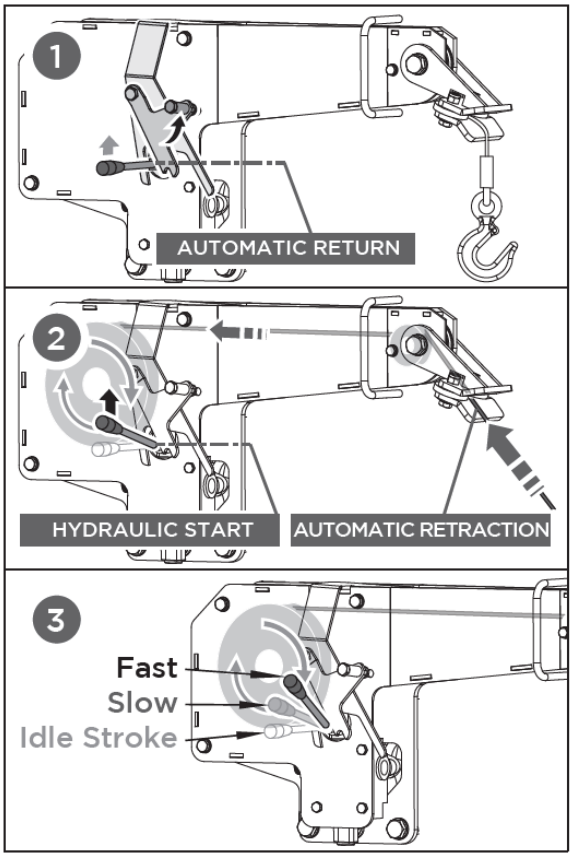
Release the Wire Rope

1. Bolt the base to the ground to make it stable.
2. Press down the valve handle and turn the limit plate to hold the handle in the arc.
3. Pull out the wire rope a little to force the reversing valve to start the driving motor. Then the wire rope can be released automatically.
4. When the wire rope is released to the end, the reversing valve returns to the original position and the driving motor stops working.



Retract the Wire Rope

1. Press down the valve handle and turn the limit plate to release the handle from the arc.
2. Push up the valve handle to retract the wire rope. The angle of pushing controls the retracting speed of the wire rope as shown in Fig. 3.
3. Release the valve handle for automatic return and then the winch stops working and the wire rope does not move.



Keep the hook away from the rope bracket to avoid over retracting!

Do not attempt to split green logs. Dry, seasoned logs split much more easily, and will not jam as frequently as green wood.

Break log in the direction of its growing grain. Do not place log across the log splitter for splitting. It may be dangerous and may seriously damage the machine.

Do not remove jammed logs with your hands. Never use another people to help you with freeing jammed log.

Stack as you work. This will provide a safer work area, by keeping it uncluttered, and avoid the danger of tripping, or damaging the power cord.

Accumulated split wood and wood chips can create a hazardous work environment. Never continue to work in a cluttered work area which may cause you to slip, trip or fall.

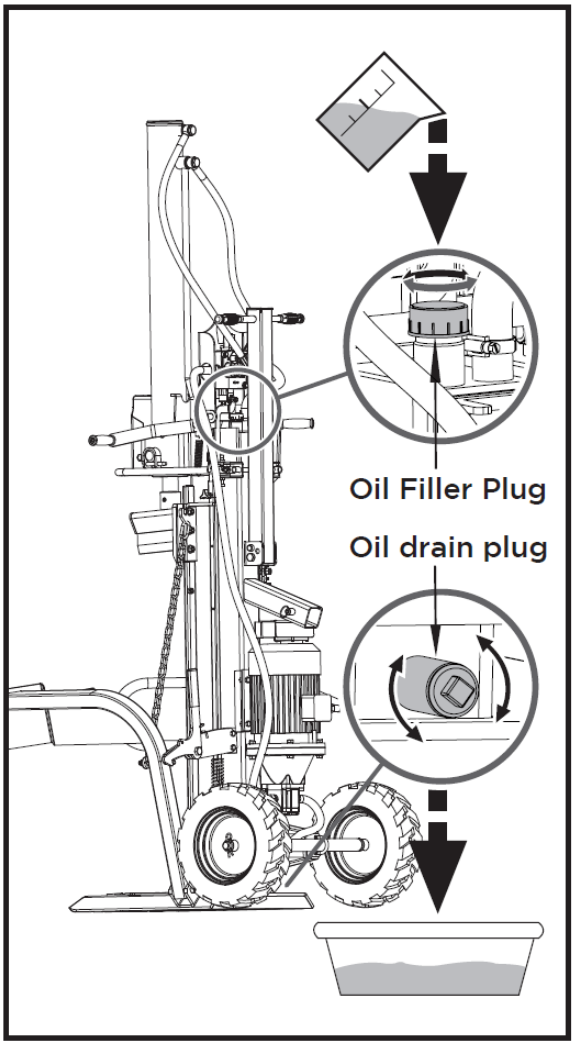
FREE A JAMMED LOG

Do not remove jammed logs with your hands. If jammed, stop the motor and loosen the log by a downward stroke on the log with a hammer.

REPLACING OIL

The hydraulic system is a closed system with oil tank, oil pump and control valve. Low oil levels can damage the oil pump. Check oil level regularly with dipstick. The oil should be completely changed once a year.

Following hydraulic oils or equivalent are recommend for the log splitter's hydraulic transmission system:
SHELL Tellus 22
MOBIL DTE 11
ARAL Vitam GF 22
BP Energol HLP-HM 22
Mogul/Paramo OTHP 3

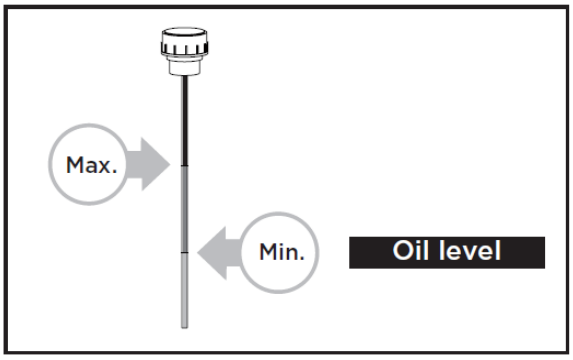


Use a drain pan to aid in the removal of all used oil and particles.

Remove oil drain plug to drain oil from the hydraulic transmission system. Examine oil for metal chips as a precaution to future problems.

After oil has been completely drained from the machine, reinstall drain plug.

Add the hydraulic transmission system with recommended oil through filler plug opening.



Read dipstick to determine the maximum and minimum of the oil level. Low oil can damage the oil pump. Overfilling can result in excessive temperature in the hydraulic transmission system.

Apply sealant to filler plug and reinstall it.
Following an oil change, activate the log splitter a few times without actually splitting.

SHARPENING WEDGE

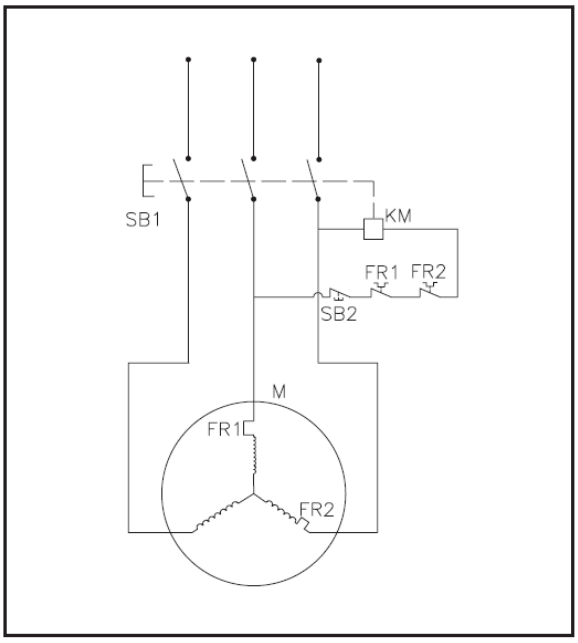
This log splitter is equipped with reinforced splitting wedge which blade is specially treated. After long periods of operation, and when required, sharpen the wedge using a fine-toothed file removing any burrs or flat spots on the edge.

TROUBLESHOOTING

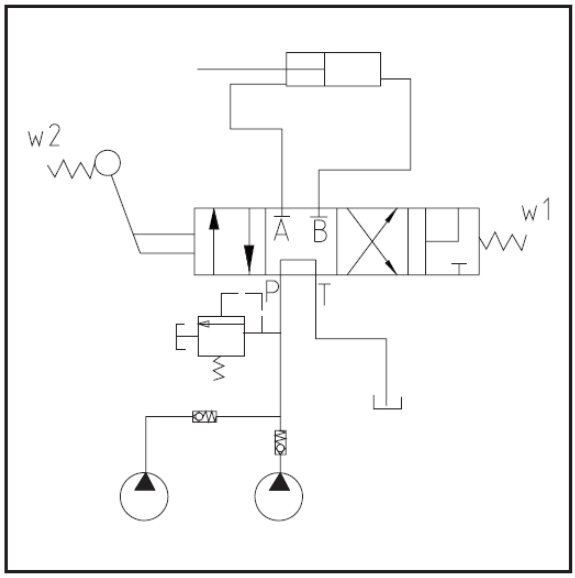
PROBLEM	PROBABLE CAUSE	REMEDY SUGGESTED
Motor does not start	Switch is OFF	ON the switch
Incorrect motor rotation direction	Incorrect connection	Change pole switching device in the plug with a screwdriver
		Reverse polarity by electrician
Log Splitter does not work while motor running	Valve is not opened owing to the connection parts loosening	Check and tighten the parts
	Control Levers or connection parts bent	Repair the bent parts
	Lower hydraulic oil level	Check and refill hydraulic oil
Log Splitter works with abnormal vibration and noise	Lower hydraulic oil level	Check and refill hydraulic oil

ATTENTION: ALL REPAIR WORK MUST BE DONE BY A SPECIALIST FOR THIS PRODUCT.

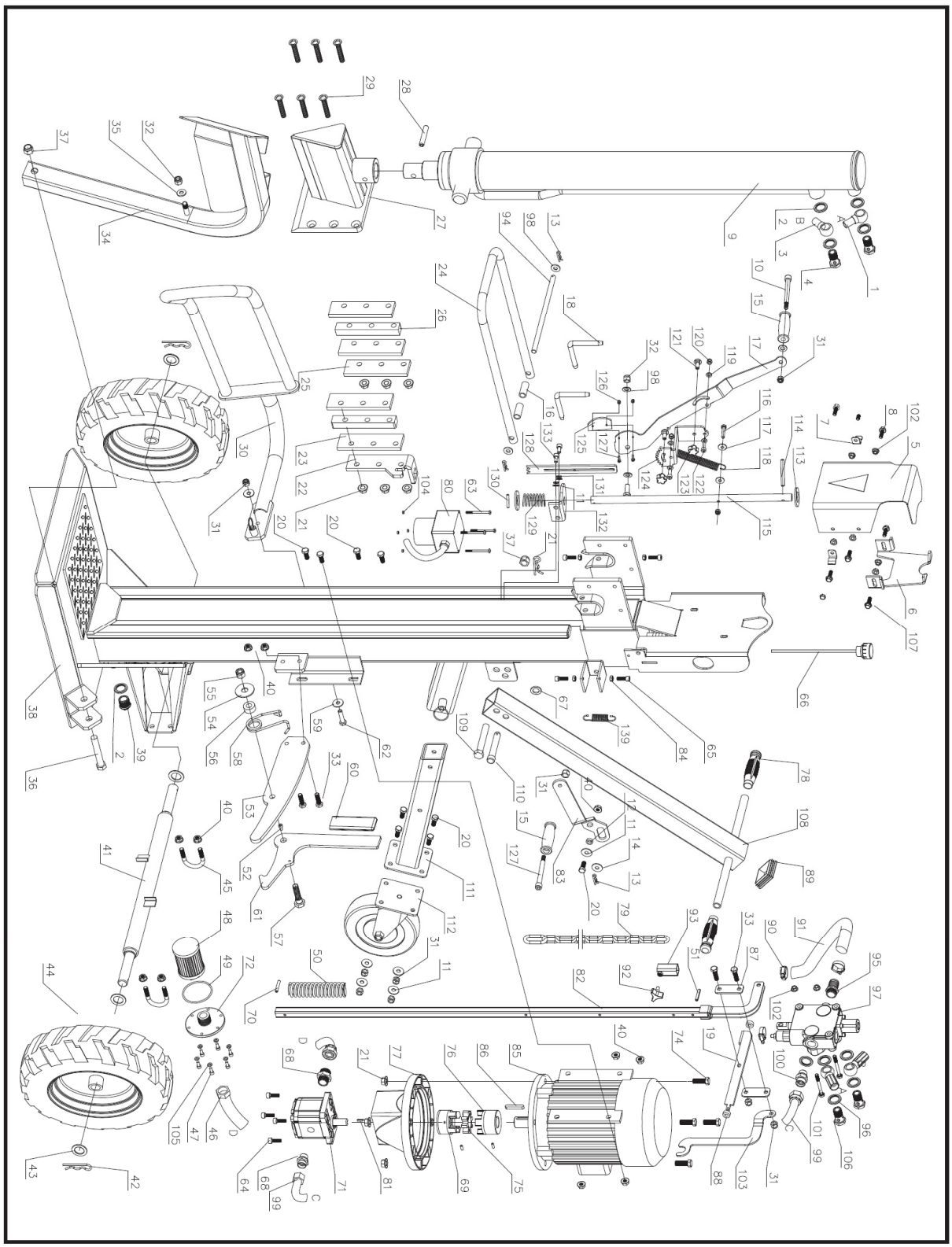
WIRING DIAGRAM



HYDRAULIC SYSTEM DIAGRAM

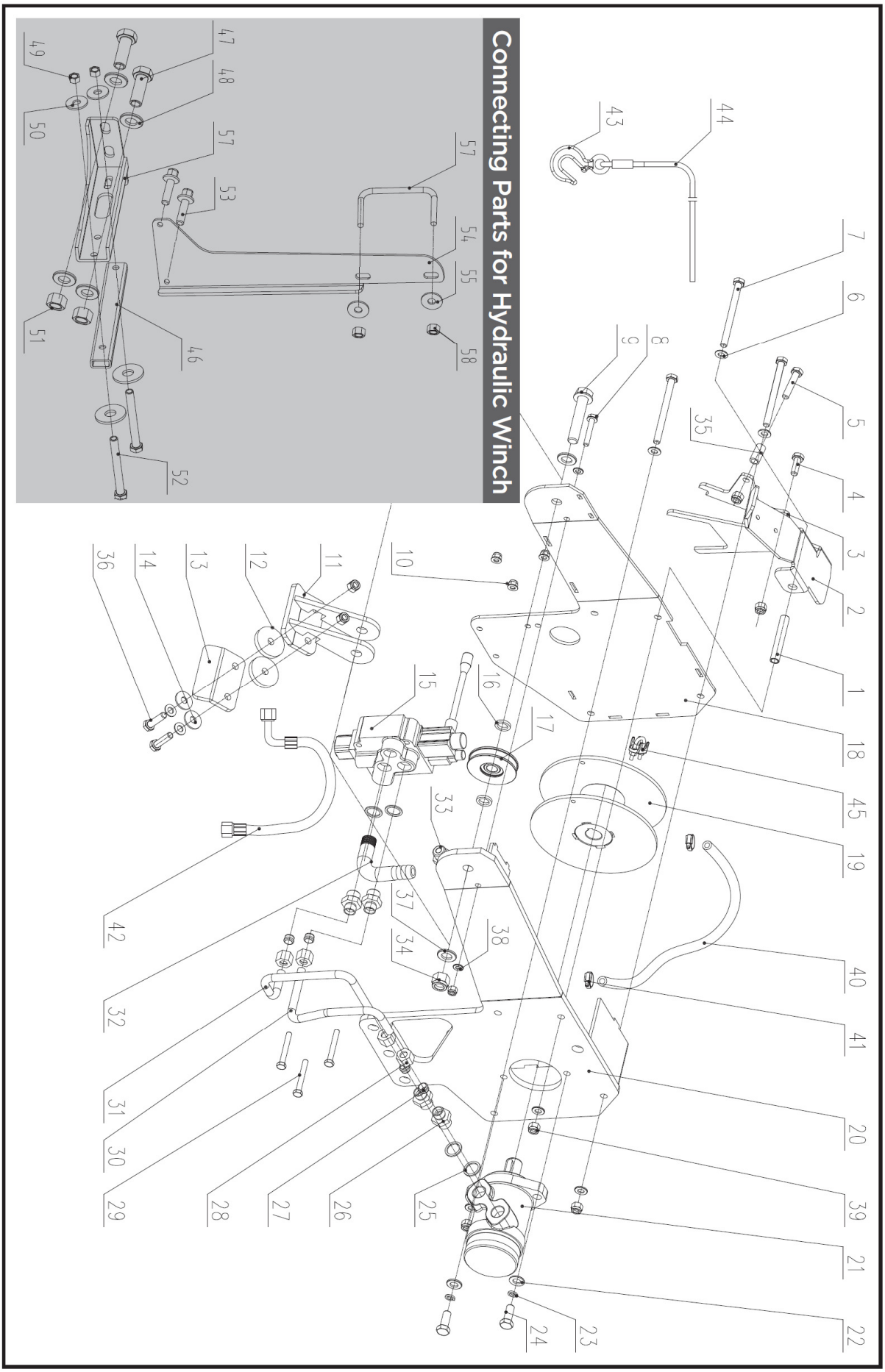


PART LIST



Pos.	Part No.	Name	Pcs		Pos.	Part No.	Name	Pcs
1	218001	Upper high pressure hose	1		41	218041	Wheel axle	1
2	218002	Seal kit 22	5		42	218042	Pin 4	2
3	218003	Lower high pressure hose D12	1		43	218043	Washer 24	4
4	218004	Hose link	2		44	218044	Tyre	2
5	218005	Upper guard	1		45	218045	Wheel axle holder	2
6	218006	Cylinder lock plate	1		46	218046	Inlet hose	1
7	218007	Pin	2		47	218047	Screw M6x14	6
8	218008	Bolt M8x25	4		48	218048	Oil filter	1
9	218009	Cylinder	1		49	218049	O-ring 80x3,1	1
10	218010	Screw	2		50	218050	Buffer spring	1
11	218011	Washer 10 (small)	8		51	218051	Pin 6x35	1
12	218012	Sleeve 2	2		52	218052	Screw M6x10	1
13	218013	Pin	4		53	218053	Lift frame lock plate	1
14	218014	Washer 10 (big)	2		54	218054	Washer 14 (big)	1
15	218015	Grip	2		55	218055	Nut M14	1
16	218016	Sleeve	2		56	218056	Lock spring	1
17	218017	Pressure lever	1		57	218057	Screw	1
18	218018	Cylinder pin	1		58	218058	Reset torsion spring	1
19	218019	Operated plate	1		59	218059	Washer 10 (middle)	2
20	218020	Bolt M10x25	10		60	218060	Grip	1
21	218021	Flange nut M12	10		61	218061	Retaining hook	1
22	218022	Plate right	1		62	218062	Bolt M10x40	1
23	218023	Plate middle	4		63	218063	Screw M4x60	4
24	218024	Lock stop	1		64	218064	Screw M8x30	4
25	218025	Plate left	1		65	218065	Screw M8x25	4
26	218026	Clamp plate	2		66	218066	Oil gauge	1
27	218027	Wedge weldment	1		67	218067	Washer 16	1
28	218028	Pin 12x70	1		68	218068	Hose fitting (Zg1/2-M22x1,5)	2
29	218029	Screw M12x70	8		69	218069	Coupler 1	1
30	218030	Guard bracket left	1		70	218070	Pin 6x45	1
31	218031	Locknut M10	7		71	218071	Pump	1
32	218032	Locknut M12	2		72	218072	Flange	1
33	218033	Bolt M10x35	4		74	218074	Bolt M12x45	4
34	218034	Hoist guard	1		75	218075	Coupler ring	1
35	218035	Washer 12 (middle)	1		76	218076	Coupler 2	1
36	218036	Bolt M16x100 (short)	1		77	218077	Cone frame	1
37	218037	Nut M16	2		78	218078	Handle sleeve	2
38	218038	Splitting frame weldment	1		79	218079	Chain	1
39	218039	Plug M22x1,5	1		80	218080	Switch	1
40	218040	Flange nut M10	12		81	218081	Spline	1

Pos.	Part No.	Name	Pcs		Pos.	Part No.	Name	Pcs
82	218082	Draw bar	1		109	218109	Bolt M16x100 (long)	1
83	218083	Arm right	1		110	218110	Pin 16	1
84	218084	Nut M8	4		111	218111	Straight weldment	1
85	218085	Motor	1		112	218112	Wheel assy	1
86	218086	Spline 8x50	1		113	218113	Washer 22	2
87	218087	Fitting plate	2		114	218114	Pin 8x70	1
88	218088	Round plate	1		115	218115	Adjustable bar weldment	1
89	218089	Lever cap	1		116	218116	Bolt 8x45	1
90	218090	Hose clamp 18-32	2		117	218117	Washer 8 (middle)	2
91	218091	Oil return hose D20	1		118	218118	Reset torsion spring	1
92	218092	Knob	1		119	218119	Washer 8	4
93	218093	Regulating sleeve	1		120	218120	Lock nut M8	3
94	218094	Lock shaft	1		121	218121	Bolt M10x20	2
95	218095	Hose fitting	1		122	218122	Bolt 8x20	2
96	218096	Seal kit 22	5		123	218123	Adjustable handle	2
97	218097	Valve	1		124	218124	Log fixing claw	1
98	218098	Washer 12 (small)	6		125	218125	Bulgy friction pad	1
99	218099	High pressure hose	1		126	218126	Nut M5	2
100	218100	Half union	1		127	218127	Bolt M5x16	2
101	218101	Screw M8x65	2		128	218128	Extended log fixing claw	1
102	218102	Flange nut M8	8		129	218129	Reset spring	1
103	218103	Lock plate	1		130	218130	Pin 5x35	1
104	218104	Nut M4	4		131	218131	Spring gasket 10	2
105	218105	Washer 6	6		132	218132	Support plate	1
106	218106	Valve fitting	2		133	218133	Bolt M10x20	2
107	218107	Bolt M8x30	2		139	218134	Spring	1
108	218108	Draw bar weldment	1					


Connecting Parts for Hydraulic Winch

Pos.	Part No.	Name	Pcs		Pos.	Part No.	Name	Pcs
1	218135	Long bush	1		30	218164	Hose 2	1
2	218136	Rope pressing plate	1		31	218165	Hose 1	1
3	218137	Limit plate	2		32	218166	Low pressure elbow part	1
4	218138	Bolt M10x30	1		33	218167	Nipple ZG1/2-M22x1,5	1
5	218139	Bolt M10x50	1		34	218168	Locknut M16	1
6	218140	Washer 10	8		35	218169	Bush	1
7	218141	Bolt M10x120	3		36	218170	Bolt M10x45	2
8	218142	Bolt M8x50	1		37	218171	Washer 16	2
9	218143	Bolt M16x85	1		38	218172	Washer 8	2
10	218144	Locknut M8	4		39	218173	Locknut M10	7
11	218145	Rope bracket	1		40	218174	Oil return hose	1
12	218146	Pulley plate	2		41	218175	Hose hoop	2
13	218147	Pressing plate	1		42	218176	Oil inlet hose	1
14	218148	Flat washer 10	2		43	218177	Hook 1T	1
15	218149	Hydraulic valve	1		44	218178	Rope 6x19,5M	1
16	218150	Bush	2		45	218179	Rope buckle	1
17	218151	Pulley	1		46	218180	Flat pipe	1
18	218152	Support plate 2	1		47	218181	Bolt M16x45	2
19	218153	Roller	1		48	218182	Washer 16	4
20	218154	Support plate 1	1		49	218183	Nut M12	2
21	218155	Hydraulic motor	1		50	218184	Flat washer 12	4
22	218156	Washer 12	2		51	218185	Nut M16	2
23	218157	Spring washer 12	2		52	218186	Bolt M12x110	2
24	218158	Bolt M12x30	2		53	218187	Flange bolt M8x25	2
25	218159	Sealing kit G1/2	4		54	218188	Support plate	1
26	218160	Nipple G1/2-M18x1,5	4		55	218189	Flat washer 10	2
27	218161	Lock ring	4		56	218190	U-bolt	1
28	218162	Lock nut	4		57	218191	Fixing plate	1
29	218163	Bolt M8x55	3		58	218192	Nut M10	2

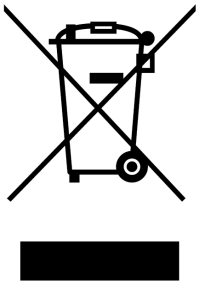
DISPOSAL OF PACKAGING AND MACHINE AFTER THE END OF SERVICE LIFE

After unpacking the machine, you are obliged to provide for the disposal of packaging material with taking into account the use of secondary raw materials according to the legislation valid in your country and with respect to the decrees of local town or municipal authorities.
The following procedure is recommended for machine disposal after the end of its service life:

1. Dismount all parts from the machine that can still be used.
2. Dismount plastic machine parts and parts made of non-ferrous metals. The dismantled machine remainder and the dismounted parts are to be disposed

according to the legislation valid in your country and with respect to the decrees of local town or municipal authorities.

3. Regarding waste from the electrical device, use the opportunity of **return buy-out** in the shop, where you purchased the device **(points 1 and 2 are not valid in this case)**.
4. The machine is in accordance with the RoHS Directive (2002/95/EC, 2002/96/EC, 2003/108/EC).
5. The product is in accordance with the requirements of the above-mentioned EC Directive regarding the quantities of forbidden dangerous substances.



This pictograph means that the product was introduced on the market after 13th September 2005 and shall not be disposed to a waste container or a dustbin.

INSTRUCTIONS FOR ORDERING SPARE PARTS

The following data are to be used for an easier identification when ordering the spare parts:

1. Machine type, engine type, machine serial number and year of manufacture;
2. Ordering number given by manufacturer and its name in the part list;
3. Number of ordered pieces separately for each item;
4. Precise address, telephone number, fax number or e-mail address;
5. Should you be uncertain about the correct identification of the component, send the damaged component either to the nearest service shop or directly to the manufacturer;
6. All components should be ordered in the nearest service shop or at your dealer's.

In the case of any confusions concerning the spare parts or technical issues, the VARI a.s. commercial, customer-service or technical departments are prepared to answer all your inquiries.

ADDRESS OF THE MANUFACTURER

TIYA Hydraulics Co., Ltd., Fuqian Street North, Gaoze, 262300 Wulian, Shandong, P. R. China; TIYA Hydraulics Co., Ltd. is a production facility of TIYA International Co., Ltd.

ADDRESS OF THE IMPORTER AND DISTRIBUTOR

VARI, a.s.	phone:	(+420) 325 637 276
Opolanska 350	fax:	(+420) 325 607 264
Libice nad Cidlinou		
CZECH REPUBLIC	e-mail:	vari@vari.cz
289 07	internet:	http://www.vari.cz/

EC DECLARATION OF CONFORMITY[1]

Declaration of Conformity

We herewith declare

that the following machine complies with the appropriate basic safety and health requirements of the EC Directive based on its design and type, as brought into circulation by us.

In case of alteration of the machine, not agreed by us, this declaration will lose its validity.

Description:	Log Splitter
Type:	65698
Test report No.:	705201136302-02 & 50178201 001
Applicable EC Directives:	EC Directive of Machinery 2006/42/EC EC Low Voltage Directive 2014/35/EU EC Council Directive 2014/30/EU Electromagnetic Compatibility
Applicable Harmonized Standards:	EN 60204-1:2006+A1:2009 EN 609-1:2017 EN 55014-1:2017 EN 55014-2:2015 EN 61000-3-2:2014 EN 61000-3-11:2000
Name of Company:	TIYA International Co., Ltd.
Address:	B12B, Shenye Center, 9 Shandong Road, Qingdao, China Tel: (532) 8582 3333 Fax: (532) 8582 4444
Name / Title:	Yuan Yue Director

Signature:

Place / Date: Qingdao, China / Sep. 7th, 2018

[1] *The original declaration of conformity as issued by the manufacturer of the product.*