

VEVOR[®]

TOUGH TOOLS, HALF PRICE

Technical Support and E-Warranty Certificate

www.vevor.com/support

CUT-OFF MACHINE USER MANUAL

We continue to be committed to offering tools at competitive prices. "Save Half", "Half Price", or any other similar expressions used by us only represent an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and do not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when placing an order with us if you are saving half in comparison with the top major brands.

VEVOR®

TOUGH TOOLS, HALF PRICE

CUT-OFF MACHINE
J1G-ZB-355G-3



NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

✉ CustomerService@vevor.com

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

1. Important safety instructions

	Warning - To reduce the risk of injury, user must read instructions manual carefully.
	Alternating current
	This symbol, placed before a safety comment, indicates a kind of precaution, warning, or danger. Ignoring this warning may lead to an accident. To reduce the risk of injury, fire, or electrocution, please always follow the recommendation shown below.
	Danger! Risk of personal injury or environmental damage! Risk of electric shock! Risk of personal injury by electric shock!
	Warning- Be sure to wear ear protectors when using this product.
	Warning- Be sure to wear eye protectors when using this product.
	Warning- Be sure to wear dust masks when using this product.
	Warning- Be sure to wear gloves when using this product.
	This product is of protection class II. That means it is equipped with enhanced or double insulation.
	Disposal information: This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheeled bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices

WARNING!

Please make sure to read the instructions carefully before using, and use according to the instructions, so as to give full play to the maximum benefit of our products, and avoid unnecessary occupational injury, our factory tools will be able to provide you with the best quality service.

General Safety Warning for Power Tools When using power tools, the following basic safety measures must be followed in order to prevent the operator from receiving electric shock, injury and fire.

Before operating this power tool, read all the instructions and keep these safety regulations in good condition.

General Power Tool Safety Warnings - Work area safety

- a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

General Power Tool Safety Warnings - Electrical safety

- a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.



General Power Tool Safety Warnings - Personal safety

a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

b) Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.

c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e) Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

h) Don't neglect tool security principles because you use tools too often. A careless action can cause severe injury within a fraction of a second.

Power tool use and care

a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

- b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- e) Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories, tool bits, etc., under these instructions, considering the he working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.
- h) Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

Service

- a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

Other Safety regulations

- 1.1 Do not cover up the warning mark on the power tool.
- 1.2. Do not stand on power tools. Serious injury can occur if a power tool is tipped over or if you accidentally touch the saw blade
- 1.3. Check whether the function of the protective cover is normal and whether friction will occur when the protective cover is moved. Do not secure the shield while it is open.

- 1.4. This electric tool is only suitable for dry cutting. Electric shock may occur if moisture enters power tools.
- 1.5. If the power tool is still turning, never attempt to remove chips, metal shavings or similar debris from the cutting area. Be sure to retract the arm before turning off the power tool.
- 1.6. After starting the machine, place the saw blade on the work-piece. Otherwise when the saw blade is stuck in the work-piece, there will be a risk of rebound.
- 1.7. The wire must be kept away from the rotating tool. Wires can be cut or caught in a knife.
- 1.8. Keep the handle dry, clean and free of grease. Greasy handles that are slippery may make it impossible to control the machine.
- 1.9. Use only when the working surface (excluding the work-piece to be machined) does not have all the adjustment tools, metal debris, etc. Small pieces of metal or other objects that come into contact with the rotating blade can hit the operator at high speed.
- 1.10. Keep floors free of metal debris and waste. Avoid slipping or tripping.
- 1.11. Be sure to fix the workpiece to be processed. Do not work a piece too small to be fixed. Do not fix the workpiece by hand to prevent accidents.
- 1.12. Only suitable materials can be cut with this tool. Otherwise, power tools will be overloaded.
- 1.13. If the saw blade is stuck, turn off the power tool and hold the workpiece firmly until the blade completely stopped. To avoid counterattack, One must wait for the saw blade to stop turning before moving the workpiece. Before restarting the power tool, the cause of the stuck saw blade must be checked and the obstacle removed.
- 1.14. Do not use a saw blade that has become blunt, cracked, bent or damaged. If the saw blade becomes blunt, or the sawtooth changes, it will increase the friction when cutting because the saw seam is too small, and the saw blade is easy to be clamped and cause a rebound.
- 1.15. Use a saw blade with a proper joint hole (columns, such as star or quad) and the correct size. If the saw blade does not fit the socket of the saw, it will skew and cause the operation to be out of control.
- 1.16. Saw blades made of high alloy rapid steel (HSS) should not be used. This kind of saw blade breaks easily.

- 1.17. Do not touch the saw blade if it is not cooled after working. Saw blades can get very hot when working.
- 1.18. Check electrical wiring regularly. The damaged wires can only be left to the professional after-sales service personnel. Replace the damaged extension cable. In this way, the safety performance of power tools can be ensured
- 1.19. Take good care of unused power tools. Storage must be kept dry and lockable. This prevents damage to the appliance during storage or from being used by people who cannot operate it.
- 1.20. Secure the workpiece. Fixing the workpiece with a retainer or vise is more secure than holding it by hand.
- 1.21. Do not leave the tool until it is completely stationary. If the tool continues to rotate, it may cause damage.
- 1.22. Do not use power tools with damaged wires. If the power cable is damaged during work, do not touch the damaged wire, and pull out the plug immediately. Damaged wires increase the risk of electric shock to the user. Take protective measures before the operation. You should wear protective gloves, a helmet, and goggles, helmet and goggles to prevent being injured by flying iron filings.

2. Pay attention to the voltage

Before using a power tool, ensure that power supply voltage is consistent with the rated voltage of the tool. If the power supply voltage exceeds the specification voltage of the tool and is used by mistake, it will not only damage the machine but also hurt people. If the voltage of the socket can not be determined, it must not be used in a trial plug. In addition, if the power supply voltage is lower than the tool specification voltage, the motor will be damaged.

3. Product specification

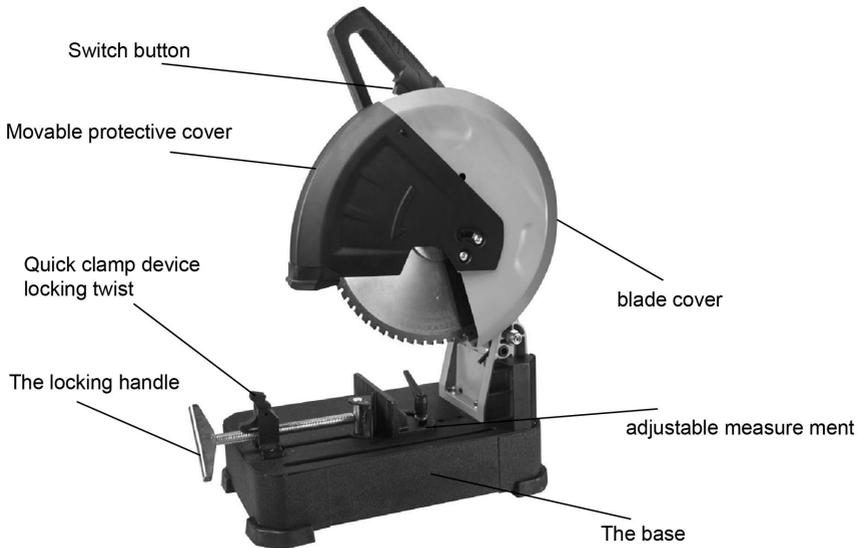
Description	Cut-off Machine	Remark
Model	J1G-ZB-355G-3	
Rating(s)	AC120V 60Hz 2800W	For US user
Rating(s)	AC220-240V 50Hz 2800W	For European User
Rotational Speed	1200rpm	
Cutting Blade	Dia:14inch	
	66 Teeth	
Package Size	65×38.5×47cm	
G.W.	26.6kg	

4. Maximum cutting capacity

shape	0°	45°
	φ130	φ90
	120mmx120mm	85mmx85mm
	85mm*210mm	43mmx135mm
	130mm*130mm	80mmx80mm

Note: Our company reserves the right to modify the specifications without prior notice.

5. Product Structure



Note: Vise locking screws may be replaced by handles

6.Special note

6.1 When cutting, the locking handle must be tightened. The work-piece is easy to produce cold slice tooth collapse.

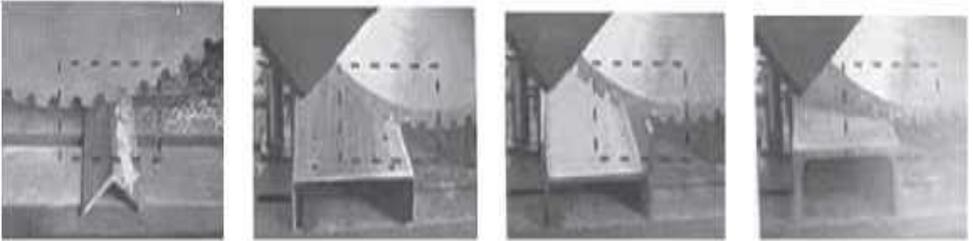
6.2 Cutting the work-piece by hand, although the efficiency is improved, it will affect the service life of the saw blade) Start the machine and wait until the speed is normal (2-3 seconds), and then proceed to the next balanced cutting.



7. Category of Prohibited cutting

- ① hollow thin-wall stainless steel materials
- ② chromium plated metal materials
- ③ metal materials with quenched hardness
- ④ iron, steel wire and other special materials

8.Special shape workpiece cutting (clamping) method

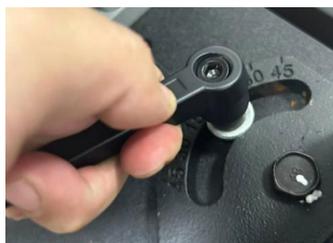


9.Handle operation

When adjusting the vise angle, turn the handle counterclockwise to release the vise, and turn the needle handle clockwise to lock the vise. After turning the handle for the first time, you need to pull the handle up, then rotate the handle to the starting position, then lower the handle, and then turn the handle a second time to release or lock the vise.



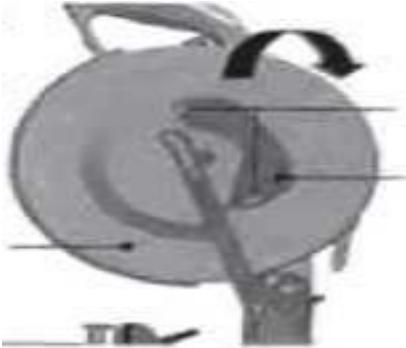
Release handle



Pull handle up

10.Instructions

10.1 Removing and Installing the saw blade Note: Before removing or installing the saw blade, make sure that the tool switch is turned off and the power plug is unplugged. To remove the saw blade, use a phillips screwdriver to turn counterclockwise to remove the small guard fixing plate screw, and then lift the transparent cover and fixing plate.



10.2 Press the locking device of the shaft (self-locking pin) to prevent the shaft from turning. Loosen the saw blade pressing bolt counterclockwise with a 7 hex wrench, and then remove the saw blade pressing bolt, small pressing plate, upper pressing plate and saw blade in turn.



10.3 When installing the saw blade, make sure that the arrow on the blade points in the same direction as the arrow on the blade cover. When installing the saw blade, make sure that the inner hole of the saw blade is flat on the output shaft.

10.4 Install the upper pressure plate, small pressure plate and pressure screw bolt in turn, tighten them clockwise with a 7-type hexagonal wrench, and finally

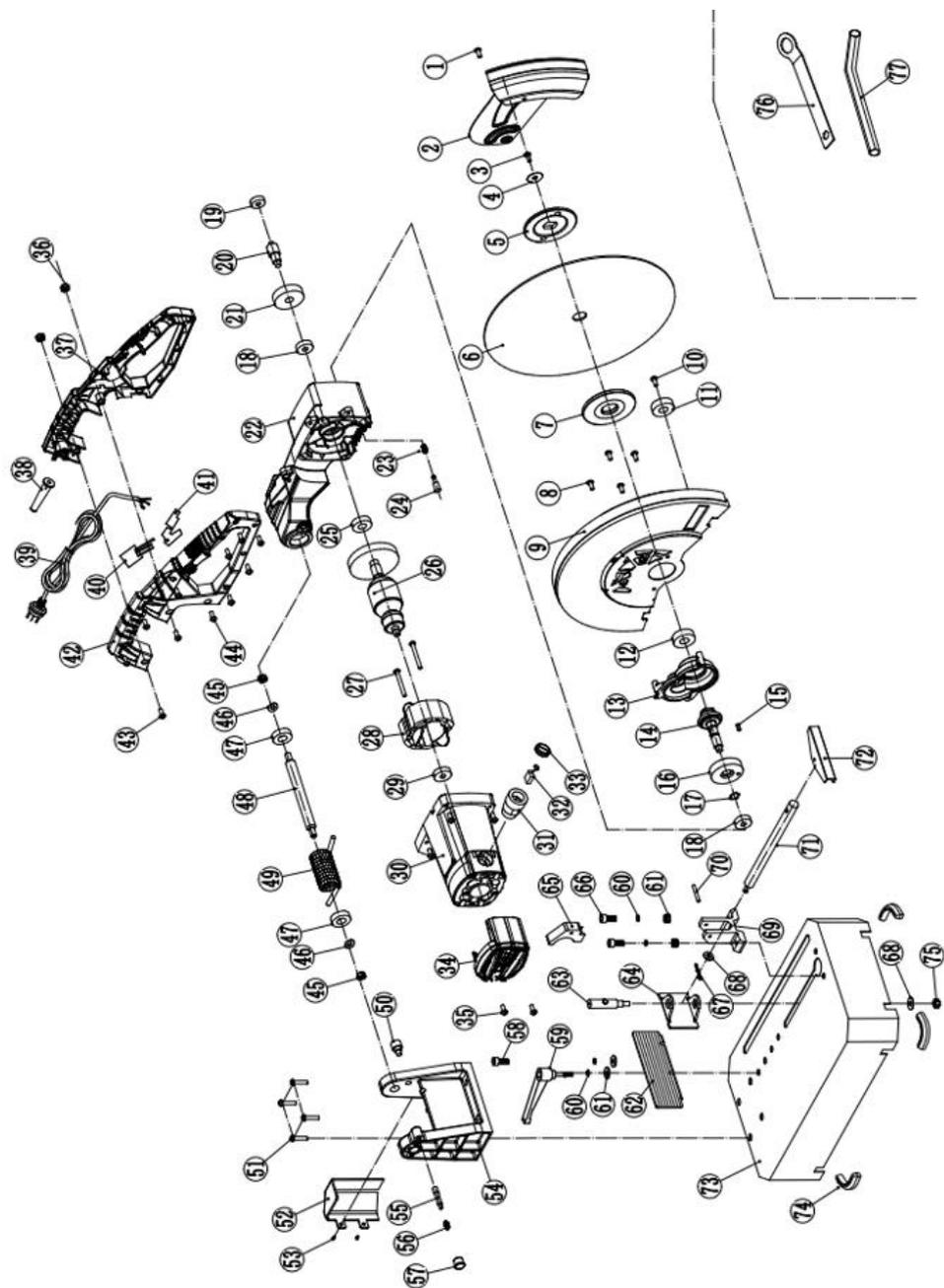
confirm whether the self-locking pin springs back



10.5 Press both buttons at the same time to start the machine, release both buttons to stop machine



11. Explosion View



12. BOM list of Explosion view

BOM list					
item	description	Qty	item	description	Qty
1	Cross recessed step screw M6*16	1	23	Self-locking spring	1
2	Movable cover	1	24	Self-locking pin	1
3	Hexagon screw M10X20	1	25	Bearing6202	1
4	small plate	1	26	Rotor	1
5	big palte	1	27	Cross Recessed pan head screws ST5*65	2
6	saw blade	1	28	stator	1
7	inner Plate	1	29	Bearing6201	1
8	Cross pan head screws M5*55	4	30	body cover	1
9	Wheel guard cover	1	31	Carbon brush holder	2
10	Cross pan head screws M6*12	1	32	Carbon brush	2
11	damping washer	1	33	Carbon brush cover	2
12	Bearing 6203	1	34	Plastic cover	1
13	front cover	1	35	Cross Recessed pan head tapping screws ST4*14	2
14	Output shaft	1	36	Hexagon nut M5	3
15	button5*5*14	1	37	Right handle	1
16	big Gear	1	38	Cable cover	1
17	Elastic retaining ring ϕ 17 for shaft	1	39	Power cable	1
18	Bearing 6200	2	40	Soft start	1
19	Bearing 629	1	41	Switch	1
20	intermediate shaft	1	42	Left handle	1
21	middle Gear	1	43	Cross Recessed pan head screws M5*40	3
22	Alumium Bracket	1	44	Cross Recessed pan head tapping screws ST4*14	6

45	Hexagon lock nut M12	2	62	scaleplate	1
46	Washer ϕ 12	2	63	Lead pin	1
47	Bearing6003	2	64	Small splint	1
48	Horizontal pin	1	65	Nut head	1
49	big Spring	1	66	Hexagon head bolt M10*16	2
50	limit screw	1	67	pin	2
51	Hexagon head bolt M10*40	4	68	ϕ 10.5 for flat gasket	2
52	shield	1	69	holder	1
53	Cross Recessed pan head screws M5*12	2	70	Cotter pin ϕ 5	1
54	bracket	1	71	Vise screw	1
55	Self-locking pin	1	72	handle	1
56	Self-locking spring	1	73	Base	1
57	Self-locking Knob	1	74	Rubber	4
58	Outer hexagon screws M10*20	2	75	Lock nut M10	1
59	Quick press	1	76	External hexagonal wrench	1
60	Spring pad ϕ 10	2	77	internal hexagonal wrench	1
61	Flat pad ϕ 10	2			

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