



Battery Operated Dry Cut-off Saw

EDC.355/36V



Congratulations on purchasing this premium magnetic drilling machine. At EUROBOOR we strive to exceed our customers' expectations by developing and providing premium and innovative portable drilling and cutting solutions. We believe that a professional like you must be able to rely on a professional supplier. Which has led us to become a major player in the industrial world, with our own factory and several offices worldwide. All because we have always listened to our customers and to the demands from the market.

Our vision is focused on developing innovative portable tools that add value for our customers and facilitate them in their daily work. We never lose sight of sustainability, time savings and cost savings.

Enjoy your new machine!

Before operating your new magnetic drilling machine, please first read all instructions. You find the instructions in this manual and on the warning label on your machine. With proper use, care and maintenance your machine will provide you with years of premium drilling performance.

TO REDUCE THE RISK OF INJURY USER MUST READ AND UNDERSTAND ALL INSTRUCTIONS

To view all our offices and their contact information please visit: www.euroboor.com

The original manual has been produced in the English language. If any discrepancies should occur in translations, reference must be made to the original version for clarification.

EDC.355/36V

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1. Safety

1.1 General safety instructions

Do not use this power tool before you have thoroughly read and completely understood this manual, specifically the “General safety instructions” and “Specific safety information”, including the figures, specifications, safety regulations and the signs indicating DANGER, WARNING and CAUTION.



WARNING: *When using this power tool, basic safety precautions should always be followed to reduce the risk of fire, electrical shock and personal injury.*

Please also observe the relevant national industrial safety regulations. Non-observance of the safety instructions can lead to an electric shock, burns and/or severe injuries.

This manual should be kept for later user and enclosed with the power tool, should it be passed on or sold.

The term “power tool” and “machine” in this user manual refers to your AC-powered (corded) power tool or battery-powered (cordless) power tool.

Work area safety

1. Keep your work area clean and well lit. Cluttered and dark work areas increase the chance of accidents.
2. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. The power tool may create sparks which could ignite the dust or fumes;
3. Keep bystanders, children and visitors away while operating power tool. Distractions can cause you to lose control.

Electrical safety

1. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs;
2. Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded;
3. Do not expose power tools to rain or wet conditions. Water entering the power tool will increase the risk of electric shock;
4. Do not abuse the cord. Never use the cord to carry the power tool or pull the plug from an outlet. Keep the cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock;
5. When operating power tools outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock;
6. If operating power tools in a damp location is unavoidable, use a residual current device (RCD). Use of an RCD reduces the risk of electric shock.

Personal safety

1. Stay alert, watch what you are doing and use common sense when using a power tool. Do not use a power tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating a power tool may result in serious personal injury;
2. Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts;
3. Avoid accidental starting. Be sure the switch is off before plugging the power tool in. Carrying a power tool with your finger on the switch or plugging in a power tool that has the switch on increases the chance of accidents;
4. Remove adjusting keys or switches before turning the power tool on. A wrench or a key that is left attached to a rotating part of the power tool may result in personal injury;
5. Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the power tool in unexpected situations;
6. Use safety equipment. Always wear eye protection. Dust mask, non-skid safety shoes, hard hat and hearing protection must be used for optimal safety;



WARNING: *Wear ear and eye protection when using this power tool.*

Power tool use and care

1. 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.
2. Disconnect the plug from the power source and/or the battery pack 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.
3. Use clamps or other practical solutions to secure and support the workpiece to a stable platform.
4. Do not use the power tool when the switch does not turn it on or off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
5. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
6. Store your power tool out of reach for children and other untrained persons. Power tools are dangerous in the hands of untrained users.
7. Maintain your Power tool with care. Keep cutting tools sharp and clean. Properly maintained tools, with sharp cutting edges are less likely to break and are easier to control.
8. Check for misalignment of moving parts, breakage of parts and any other condition that may affect the operation. If you detect damage have the power tool serviced before use. Many accidents are caused by poorly maintained tools.
9. Only use accessories that are recommended by EUROBOOR for your power tool model. Accessories that are suitable for one power tool may become hazardous when used on another one.

Battery use and care

1. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
2. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
3. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
4. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
5. Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
6. Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause explosion.
7. Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

Service

1. Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in risk of injury;
2. When servicing a tool, use only identical replacement parts. Follow instructions in the maintenance section of this manual. Use of unauthorized parts or failure to follow maintenance instructions may create a risk of electric shock or injury;
3. EUROBOOR offers Armature kits containing official EUROBOOR spare parts suitable for your battery operated dry cut-off saw

1.2 Specific safety information for battery operated dry cut-off saw

- Keep yourself and bystanders away from the plane of the saw blade when cutting work.
- Avoid touching the metal debris that is automatically ejected when the working procedure is finished. Contact with the debris when it is hot can cause personal injuries.
- Always use the saw blade and accessories that are recommended by euroboor. The rated speed of saw blade must be at least equal to the Max speed marked on the cut-off saw.
- Never apply blade lubricant to a running blade. Applying lubricant could cause your hand to move into the blade resulting in serious injury.
- Never place hand in the blade area when the battery pack is installed. Inadvertent blade activation may result in serious injury.
- Always use the saw blade flanges recommended by euroboor. Proper diameter flanges support the saw blade thus reducing the possibility of breakage of it.
- Always use a sharp blade. Check the blade to see if it runs true and is free from vibration. A dull and/or a vibrating blade can cause damage to the machine and/or serious injury.
- Secure the cut-off saw to a stable support surface. Vibration can possibly cause the machine to slide, walk, or tip over, causing serious injury.
- Adjust the cut-off saw so that blade does not extend into the workpiece before cutting. Do not perform any design, assembly or construction activities on the workpiece while the cut-off saw is switched on;
- Before switching on the power, make sure all accessories have been mounted correctly and without damaged parts.
- Wear protective equipment while cutting. Depending on application, use face shield, safety goggles, gloves, and ear protectors.

- Inspect blade for cracks or other damage prior to operation. A cracked or damaged blade can come apart and pieces can be thrown at high speeds, causing serious injury.
- During work, you must tightly hold the handle of cut-off saw and ensure you stand firmly. You should hold the handle with your hands.
- Turn off the cut-off saw and allow the blade to come to a complete stop before cleaning the blade area, removing debris, servicing or adjusting tool. A moving blade can cause serious injury.

Residual risk

In spite of following the relevant safety regulations and their implementation, certain residual risks cannot be avoided. These are:

- Impairment of hearing;
- Risk of personal injury from flying particles;
- Risk of burns due to accessories becoming hot during operation;
- Risk of personal injury due to prolonged use.

Always try to reduce these risks as much as possible.

2. Description

2.1 Intended use

This EUROBOOR EDC.355/36V is a battery operated dry cut-off saw for cutting various types of ferrous and non-ferrous metals. The machine is designed to fit a 355 mm (14") blade.. For cutting, the machine can be adjusted from 0° to 45° corners. Also the depth can be adjusted using the depth-adjustment screw.

⚠ WARNING: The machine should not be converted or modified, e.g. for any other form of use, other than as specified in these operating instructions. Warranty will be voided and the user shall be liable for damages and accidents due to incorrect use.

2.2 Description and features



[image 2-1]

1. Operating handle
2. Hand protective shield
3. Retractable blade cover
4. Rear fence
5. Front vice jaw
6. Dust cover
7. Upper blade cover
8. Alu base

9. Spindle cover
10. Vice handle
11. Engine cover/air intake
12. Switch trigger
13. Carrying handle
14. Dust collection tray
15. Rear fence locking button
16. Arm locking pin

2.3 Box contents

- 1x Machine EDC.355/36V
- 1x Instruction manual
- 1x Hexagon key M6
- 1x Hexagon key M10
- 2x 18V/5Ah battery pack (optional)
- 2x 18V/9Ah battery pack (optional)
- 1x 18V battery charger (optional)

Note: When unpacking, make sure the parts listed above are included. If missing or broken, please contact distributors as soon as possible.

2.4 Serial number

The serial number is mentioned on the machine three times: engraved on the frame, engraved on the magnet and on the serial no. sticker on the motor housing. Additional serial no. stickers are provided with the machine for your administration.

The serial number will help you, your dealer and EUROBOOR to validate and identify the machine. For example:

1002003001

breaks down to:

100 20 03 001

Machine series







Year of manufacture

Month of manufacture













Identification number

2.5 Technical data

EDC.355/36V	Metric	Imperial
Folded dimensions (L x W x H)	530 x 350 x 420 mm	20 7/8 x 13 3/4 x 16 9/16"
Unfolded dimensions (L x W x H)	620 x 350 x 630 mm	24 7/16 x 13 3/4 x 24 13/16"
Weight (Without battery)	17 kg	37.5 lb
Motor power	3,000 W	80 A
Speed	1,200rpm	
Max. blade diameter	355 mm	14"
Bore diameter	25.4 mm	1"
Max. cutting angle	45°	
Voltage	36 V	36 V

Cutting Capacity	Metric	Imperial
Cutting capacity 0° 	105 x 105 mm	4 1/8 x 4 1/8"
Cutting capacity 0° 	90 x 145 mm	3 9/16 x 5 11/16"
Cutting capacity 0° 	120 mm	4 3/4"
Cutting capacity 45° 	80 x 80 mm	3 1/8 x 3 1/8"
Cutting capacity 45° 	90 x 80 mm	3 9/16 x 3 1/8"
Cutting capacity 45° 	90 mm	3 9/16"

2.6 Symbols

Symbol	Term, meaning	Explanation
	Read documentation	Be sure to read the documentation in this user manual and specifically the “General safety instructions” and “Specific safety information”
	Wear ear protection	Use ear protection during operation
	Wear eye protection	Use eye protection during operation
	Indoor use only	To identify electrical equipment designed for indoor use
	Double Insulation	An insulation comprising both basic insulation and supplementary insulation
	Danger/warning/caution	Read and apply the information in the adjacent text!
	European conformity	Conformity with EEA machine regulations
	Class of protection I	Product with basic insulation and exposed (touchable) conductive parts additionally connected to the protective earth conductor
	Electromagnetic Compatibility	Able to function acceptably in its electromagnetic environment
	International Electrotechnical Commission	Conformity with international electrotechnical safety standards
	ISO9001	Certified in accordance with ISO9001:2015 quality management system
	UL	Certified by Underwriters Laboratories (UL), a recognized laboratory for safety testing approved by US federal agency OSHA
mm	Millimeter	Unit of measure for the dimensions
"	Inch	Unit of measure for the dimensions
kg	Kilogram	Unit of measure for the mass

Symbol	Term, meaning	Explanation
lbs	Pound	Unit of measure for the mass
V	Volt	Unit of measure for the electric voltage
A	Ampere	Unit of measure for the electric current intensity
W	Watt	Unit of measure for the output
rpm	Revolutions per minute	Unit of measure for the revolutions

2.7 Environmental



Separate collection. This product must not be disposed of with normal household waste.



Separate collection of used products and packaging allows materials to be recycled and used again. Re-use of recycled materials helps prevent environmental pollution and reduces the demand for raw materials.

Local regulations may provide for separate collection of electrical products from the household, at municipal waste sites or at the retailer when you purchase a new product.

3. Preparation & adjustment

3.1 Assembly



WARNING: To reduce the risk of injury, remove the battery pack from the power tool before installing and removing accessories, before adjusting or changing set-ups or when making repairs. An accidental start-up can cause injury.

The EUROBOOR EDC.355/36V machine comes pre-assembled, but without blade attached. Fitting the blade to the machine is necessary before operating the machine. Please refer to “3.3 fitting the blade” for instructions on how to fit the blade. Further to this it is advised to check the machine is complete and all standard accessories are included before proceeding in any way.

NOTE: The EDC.355/36V machine has 3 mounting holes on the Alu base, with suitable bolts, the machine can be securely fixed on the workbench or other supporting structure.

3.2 Prior to use

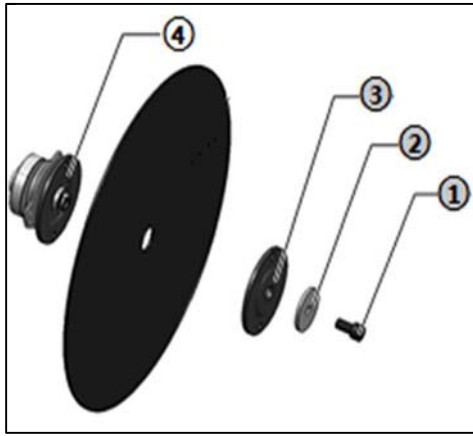
- ✓ Prior to any use, check the machine and all of its components for damage and check that all moving parts are in perfect working order and do not jam.
- ✓ All parts must be correctly installed and must fulfill all conditions necessary to ensure perfect operation of the machine.
- ✓ A damaged and/or incorrectly functioning machine must be repaired or replaced according the original specifications by EUROBOOR or any authorised EUROBOOR dealer or service point.
- ✓ DO NOT use under wet conditions or in presence of flammable liquids or gases.
- ✓ DO NOT let children come into contact with the machine. Supervision is required when inexperienced operators use this machine.

3.3 Fitting the blade



WARNING: Before **undertaking** any type of preparation or adjustment, make sure the battery pack is removed from the machine.

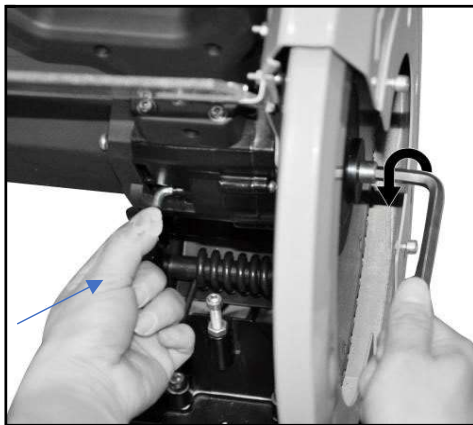
1. To unlock the cutting head, by gently press the operating handle down, and then pull the arm locking pin outwards and then allow the cutting head to rise to upper position
2. Remove the spindle cover by loosening the two bolts using the M6 hexagon key.
3. Press the spindle lock lever downwards, carefully rotate the spindle by hand, until the spindle lock locks in place. After the spindle is locked, keep the lock on and at the same time, loosen the spindle bolt using the M10 hexagon key. When the spindle bolt ① is loosened: remove the top flange ② and the front flange ③ from the drive shaft.
4. Raise the retractable blade cover to its highest position. While remaining in that position, the saw blade can be mounted onto the rear flange ④.
5. Lower the retractable blade cover and put the front flange ③ and top flange ② back into the place.
6. Tighten the spindle bolt ① using the M10 hexagon key. Make sure the spindle is locked using the spindle lock while tightening the spindle bolt.
7. Put the spindle cover back in place and tighten the bolts using the M6 hexagon key.



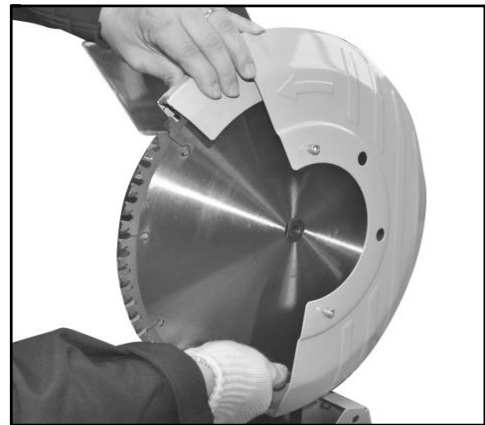
[image 3-1]



[image 3-2]



[image 3-3]

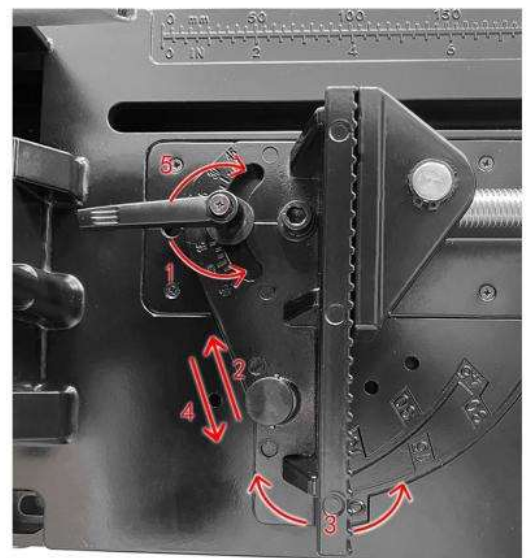


[image 3-4]

3.4 Setting cutting angle

The EUROBOOR EDC.355/36V has the capability to make cuts from 0° to 45° angles. Be sure that the correct angle is set before you start working with the machine. For setting the correct angle, follow below steps and refer to the image below:

1. Loosen the 'angle lock screw' using the angle lock lever. By turning the angle lock lever {1} counter-clockwise the screw will be loosened. By lifting the angle lock lever slightly and moving it back clockwise, the screw can be loosened even further.
2. After loosening the 'angle lock screw' tilt up the 'angle lock pin' {2}, turn it a quarter which locks the pin in the raised position.
3. The cutting angle can be adjusted by moving the fence to the desired position (3). Use the angle indication engraved in the base for your reference.
4. After setting the plate in the desired position, have the 'angle lock pin' (4) fall back in place, and tighten the 'angle lock screw' by turning the angle lock lever (5) clockwise.



[image 3-5]

3.5 Clamping the workpiece

When the correct angle is chosen for the workpiece, be sure to tighten the workpiece properly. The workpiece must be tightened before cutting to avoid possible movement and pinching of the workpiece as the cut nears completion.

For clamping the workpiece, follow below steps:

1. After setting the correct cutting angle. Unlock the 'quick lock and release lever' {1} by tilting it backwards, and pull back the vice jaw from the plate {2}.
2. Place the workpiece between the rear fence and front vice jaw.
3. Push the front vice jaw against the workpiece (3).
4. When the vice jaw is against the workpiece, Put the 'quick lock and release lever' (4) back in its original position. Tighten the workpiece by turning the vice handle clockwise (5).



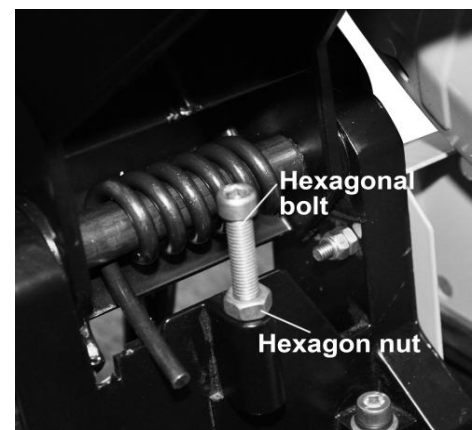
[image 3-6]

Note: For releasing the workpiece from a pressured position, first turn the vice handle counter-clockwise to remove pressure from the workpiece. Then unlock the 'quick lock and release lever' and pull back from the workpiece.

3.6 Adjusting cutting depth

The maximum depth of cutting can be adjusted by turning the depth adjustment bolt clockwise or counter clockwise. When depth is set to the right value, this bolt prevents the blade to touch the surface under the base.

- To increase the depth of cut, loosen the depth adjustment bolt by turning it counter clockwise, then rotate the nut in clockwise direction until it is fully tightened.
- To reduce the depth of cut, rotate the nut in counter clockwise direction firstly, then tighten the depth adjustment bolt by turning it clockwise until it is fully tightened.



[image 3-7]

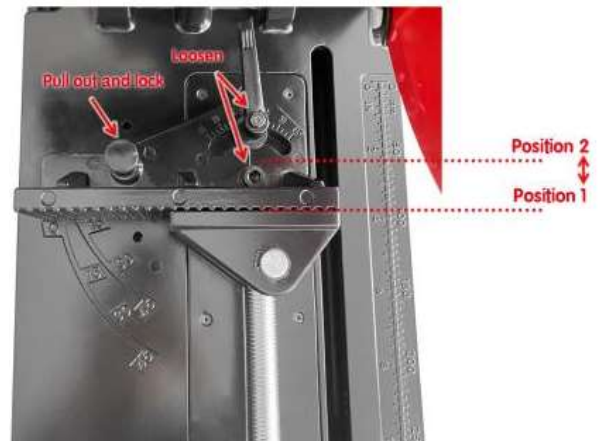
3.7 Adjusting the fence positioning.

The fence can be positioned in two different positions. The position 1 is suitable for workpieces of maximum 150 mm, position 2 is suitable for workpieces of up to 180mm.

Note: make sure the workpiece is centred with the sawblade. For bigger workpieces, the positioning of the fence should be in position 2.

Changing between these positions can be done in the following steps:

1. Fully loosen all screws that lock the fence.
2. After all screws are loosened completely, pull out and lock the "angle lock pin".
3. The fence can be replaced in the other position now.
4. When placed in the new position, fully tighten all screws again and lock the "angle lock pin".



[image 3-8]

3.8 Installing and removing the battery pack



Warning: Do not hold the operating handle when installing/removing the battery pack, in case of accidentally touch the switch trigger and start the motor.

- To install the battery pack, insert it all the way until it locks in place with a little "click".
- To remove the battery pack, press the battery-unlocking button (white tongue) and pull the battery out of the battery bay.



[image 3-9]

Note: Do not install the battery pack forcibly. If the battery pack does not slide in easily, it means not being inserted correctly.

4. Using the machine



Warning: Before making a cut, always check all the accessories are properly mounted and all adjustments to the machine have been done.

Do not start the motor when the cutting edge of saw blade is contact with the workpiece.

1. Secure the workpiece firmly to avoid movement and vibration.
2. Porperly adjust the fence angle.
3. With the cutting head in the upper position, switch on the motor by depressing the trigger switch and allow the motor to run at full speed.
4. Slowly lower the cutting head on to the workpiece and cut through firmly. Do not force the machine or put too pressure as this will not improve the cutting performance, only shorten the lifetime of the blade and increase wear on the machine.
5. Reduce the pressure when the saw blade begin to exit the workpiece.
6. When the workpiece is finished, release the on-off trigger and allow the cutting head to return its upper position.
7. Wait for the blade to come to a complete stop before collecting the workpiece or making any adjustments to the machine.

5. Battery pack and charger

5.1 Battery pack

Lithium-ion batteries deliver fade free power for their entire run time. Lithium-ion tools will not gradually lose power due to decreasing battery charge. Instead, power from the battery pack will drop from full to zero once the full charge has been drained from the battery. Once this happens, re charging of the battery is required. It is not necessary to drain the battery pack completely before recharging.

Read all instructions. Failure to follow all instructions listed below may result in, fire and/or injury.

- Remove the battery pack before any adjustments, conversions or servicing are performed.
- Before fitting the battery pack, make sure that the machine is switched off.
- Do not open the battery packs
- Do not place the battery pack or cells on or near fires, heaters, other high temperature locations, or apply heat to the battery.
- Do not pierce the battery with any sharp objects, strike the battery with a hammer, tools, or heavy objects, step on the battery pack, or otherwise damage the outer casing.
- Do not subject the battery pack to strong impacts or shocks.
- Do not expose the battery to water or any other type of liquid, or allow the battery to get wet.
- Do not leave the battery in direct sunlight, and avoid storing spare battery packs inside cars in extreme hot weather. Doing so may cause the battery to generate heat, rupture, or ignite. Using the battery in this manner may also result in a loss of performance and a shortened life expectancy. When a battery becomes too hot, the built-in protection circuitry is activated, preventing the battery from charging further. Heating the battery can destroy the safety devices, and can cause additional heating, rupture or ignition of the battery cells.
- Never short-circuit, reverse polarity, disassemble, damage or heat the battery pack over 100°C (212°F).
- If an exposed lithium-ion battery does start a fire, it may burn even more violently if it comes into contact with water or even the moisture in the air. **DO NOT THROW WATER ON A BURNING LI-ION BATTERY!** A class C fire extinguisher must be used.

- Do not use the Battery Pack if the Battery Pack casing is broken or if a Battery Pack emits an unusual odor, smoke, or excessive heat or leaks any substance. Avoid contact with any substance seeping from the Battery Pack.
- The cells within the Battery Packs contain toxic substances. Do not attempt to open Battery Packs. Do not insert any object into the Battery Packs or use any device to pry at the Battery Pack casing. If you insert an object into any of the Battery Packs' ports or openings you could suffer electric shock, injury, burns, or cause a fire. Attempting to open the Battery Pack casing will damage the casing and could release toxic and harmful substances, and will render the pack unusable.
- If battery fluid leaks out and comes into contact with your skin, rinse immediately with plenty of water. If battery fluid leaks out and comes into contact with your eyes, wash them with clean water and seek medical attention immediately
- As with all rechargeable batteries, do not charge near flammable materials.
- Do not disassemble or modify the battery pack . The battery contains safety and protection devices which, if damaged, may cause the battery to generate heat, rupture or ignition.
- Any modification may damage the battery pack or cells and will invalidate any warranty claim.
- If you happen to get any electrolyte from the cells on your skin, wash thoroughly with soap and water. If in your eyes, do not rub. Rinse thoroughly with water and seek medical
- **Obey your local regulations relating to disposal of battery**

5.2 BATTERY PROTECTION FEATURES

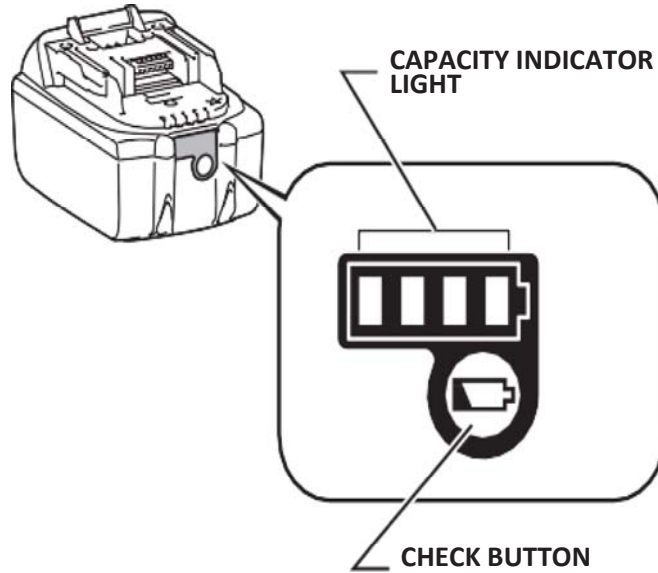
EUROBOOR 18V lithium-ion batteries are designed with features that protect the lithium-ion cells and maximize battery life.

During some applications, the battery electronics may signal the battery to shut down, and cause the tool to stop running. To reset the battery and tool, release switch trigger first, and then press on trigger to restart the machine. If fail to reset the battery and tool by applying above steps, the battery pack is depleted.

NOTE: *To prevent further shut down of the battery, avoid forcing the tool.*

5.3 BATTERY CAPACITY INDICATOR

By pressing the check button on the battery pack ,the user can check the remaining battery capacity by observing the indicator light.



[image 5-1]

Depending on the status of indicator light, the remaining capacity of battery can be read easily by the user:

STATUS OF INDICATOR LIGHT	REMAINING CAPACITY
■ ■ ■ ■	75%-100%
■ ■ ■	50%-75%
■ ■	25%-50%
■	0-25%

[image 5-2]

Note: Depending on the ambient temperature, the indication may differ slightly from the real battery capacity.

5.4 Battery Charger

Read the instructions listed below, Failure to follow them may result in fire and/or injury.

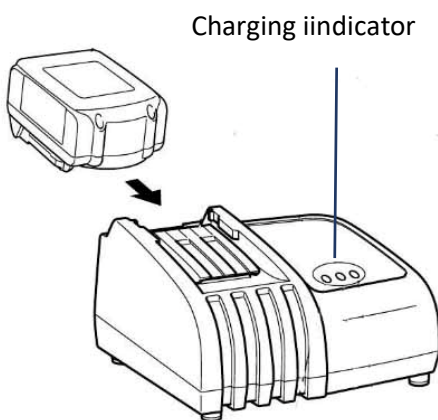
- Protect the battery charger from rain and moisture. Water penetration in a battery charger increases the risk of electric shock
- Do not charge other batteries. The battery charger is suitable only for charging matched lithium-ion batteries within the listed voltage range, otherwise there is danger fire and explosion.
- Keep the battery charger clean. Contamination may increase the risk of electric shock
- Before using, always check the charger, cable and plug. If defects are detected, do not use the charger; never open the charger.
- Have it opened and repaired only by qualified personnel who will use original spare parts. Damaged chargers, cables and plugs increase the risk of electric shock.
- Do not operate the charger on easily inflammable surface (e.g. paper, textiles, etc.) or combustible surroundings. The heating of the charger during charging may cause a fire.
- Plug the charger within the listed voltage range on the charger.
- Unplug the charger from the electrical outlet before attempting any maintenance or cleaning.
- Disconnect charger from the power supply when not in use. This will reduce the risk of electric shock or damage to the charger.
- Do not touch the un-insulated portion of output connector or un-insulated battery terminal.
- This appliance is not intended for use by person (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
- Children should be supervised to ensure that they do not play with the appliance.
- Once the power cord is damaged, do not change it yourself, return it to Euroboor dealer or ask a qualified person for help.



WARNING: Do not charge non-rechargeable batteries.

Battery charging

Note: This battery charger is for charging Euroboor-battery pack. Never use it for other purposes or for other manufacturer's batteries.









[image 5-3]

1. Plug the charger into the proper AC source, the green charging indicator will light up and blink repeatedly.
2. Insert the battery pack into the charger until you hear a slight "click", the music comes out and the red charging indicator lights up, to indicate that the battery pack has been correctly fitted.
3. With finish of charge, the charging indicator will change from red one to green one and the music comes out again, to indicate that the battery pack has been fully charged.
4. After fully-charge, press the battery release button and then remove the battery pack from the charger and unplug the charger.

Battery Charging indicator

The following sheet shows the charged status of battery

Symbol on charger	Status	Meaning
	GREEN BLINKING	Plug in
	RED ON	Charged condition 0-80%
	RED, GREEN ON	Charged condition 80%-100%
	GREEN ON	Fully charged
	Not available	
	RED, GREEN BLINKING	Defective battery or charger

Note: The battery is equipped with an NTC temperature control which allows charging to be only available within a temperature range of 5°C(41F)-40°C(104F). A long battery service life will be achieved in this manner.

6. Maintenance

Your EUROBOOR battery operated cut-off saw has been designed to operate over a long period of time. Continuous satisfactory operation depends upon proper tool care and regular cleaning.



CAUTION: To reduce the risk of injury, make sure the machine is off and remove the battery pack from the machine before installing and removing accessories, adjusting or changing set-ups or when making repairs.

Just as every cut-off saw machine with moving parts, your EUROBOOR EDC.355/36V machine also needs regular maintenance service. A few recommendations follow :

Visually check the machine for damage

The machine must be checked before operating for any signs of damage that will affect the operation of the machine. If the machine appears to be damaged it should not be used. Failure to do so may cause injury.

Cleaning

Clean all dirt, dust, metal chips and burrs of your cut-off saw;
 Blow dirt and dust out of the m housing with dry air as often as dirt is seen collecting in and around the air vents. Wear approved eye protection and an approved dust mask;
 Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool.
 These chemicals may weaken the materials used in these parts. Use a cloth dampened only with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

Operation of the machine

The machine's operation must be checked to ensure that all components are working correctly. Replace any defective parts immediately. This prevents properly functioning parts from being damaged.

Repair, modification and inspection

Repair, modification and inspection of EUROBOOR machines must be done by EUROBOOR or an EUROBOOR authorised dealer. The spare parts list will be helpful if presented with the machine to the EUROBOOR dealer for service when requesting repair or other maintenance.

EUROBOOR machines are constantly being improved and modified to incorporate the latest technological advancements. Accordingly, some parts (i.e. part numbers and/or design) may be changed without prior notice. Also, due to EUROBOOR's continuing program of research and development, the specifications of machines are subject to change without prior notice.



WARNING: *Since accessories, other than those offered by EUROBOOR, have not been tested with this machine, use of such accessories with this tool could be hazardous. To reduce the risk of injury, only EUROBOOR recommended accessories should be used with this machine.*

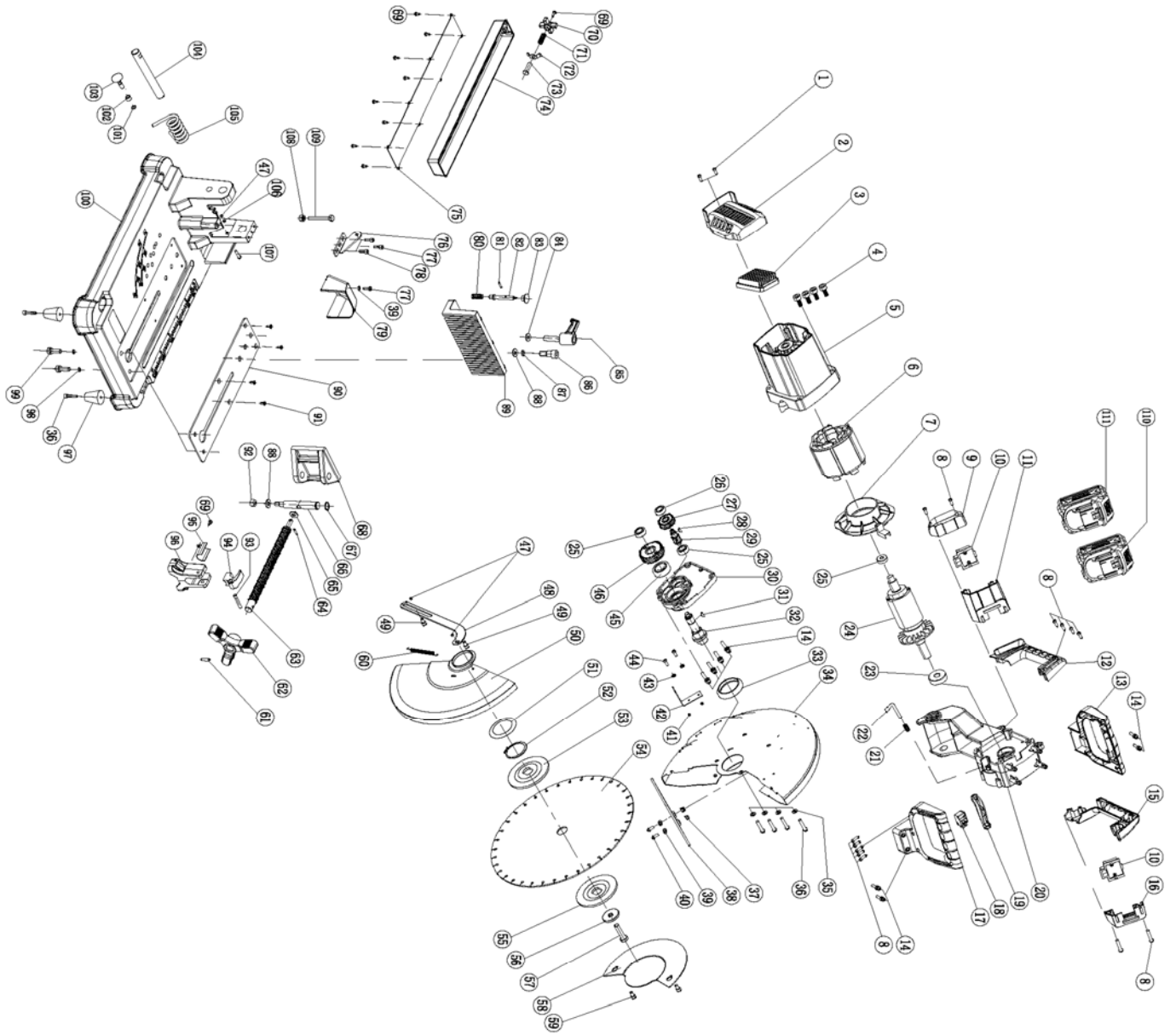
Consult your dealer for further information on the appropriate accessories.

7. Trouble shooting

Motor does not start or fails	<ul style="list-style-type: none">- Low battery capacity- Damaged or defective battery pack- Damaged or defective wiring- Damaged or defective control unit- Damage to armature
Machine vibrates	<ul style="list-style-type: none">- Sawblade damaged- Sawblade not straight- Sawblade not tightened properly- Workpiece not clamped properly
Motor running roughly and/or seizing up	<ul style="list-style-type: none">- Bent spindle
Motor making a rattling sound	<ul style="list-style-type: none">- Gear(s) worn out- No oil in gearbox
The cut is not straight	<ul style="list-style-type: none">- Check the cutting blade for damages or vibrations- Check the positioning of the workpiece- Put less pressure on the machine while cutting
Rough cuts	<ul style="list-style-type: none">- Put less pressure on the machine while cutting- Worn blade (replace blade)- Not the correct blade for the application
The blade hits the base	<ul style="list-style-type: none">- Decrease the depth of cut- Check if the blade is fitted to the machine properly- Check machine for any signs of misalignment

8. Exploded views & spare parts list

8.1 Exploded views



8.2 Sparepart lists

No.	Part no.	Description	Qty
1	EDC.355/36V.0001	Screw ST4x14mm	2
2	EDC.355/36V.0002	Back motor cover	1
3	EDC.355/36V.0003	Control unit	1
4	EDC.355/36V.0004	Screw M6x40mm	4
5	EDC.355/36V.0005	Motor housing	1
6	EDC.355/36V.0006	Field	1
7	EDC.355/36V.0007	Baffle plate	1
8	EDC.355/36V.0008	ScrewM4x16mm	13
9	EDC.355/36V.0009	Left connecting plate	1
10	EDC.355/36V.0010	connecting pin	1
11	EDC.355/36V.0011	Right conncting plate	1
12	EDC.355/36V.0012	Carrying Handle part(left)	1
13	EDC.355/36V.0013	Operating handle part(upper)	1
14	EDC.355/36V.0014	Screw M5x20mm	8
15	EDC.355/36V.0015	Carrying handle part(right)	1
16	EDC.355/36V.0016	Right connecting plate	1
17	EDC.355/36V.0017	Operating handle part(lower)	1
18	EDC.355/36V.0018	On/off switch	1
19	EDC.355/36V.0019	Switch trigger	1
20	EDC.355/36V.0020	Arm	1
21	EDC.355/36V.0021	Lock-pin srping	1
22	EDC.355/36V.0022	Lock pin	1
23	EDC.355/36V.0023	Bearing 6202	1
24	EDC.355/36V.0024	Armature 36V	1
25	EDC.355/36V.0025	Bearing 6000	1
26	EDC.355/36V.0026	Bearing 609	1
27	EDC.355/36V.0027	Middle gear	1
28	EDC.355/36V.0028	Square key 5x10mm	1
29	EDC.355/36V.0029	Gear axle	1
30	EDC.355/36V.0030	Cover	1
31	EDC.355/36V.0031	Square key 5x16mm	1
32	EDC.355/36V.0032	Output shaft	1
33	EDC.355/36V.0033	Joint ring	1
34	EDC.355/36V.0034	Upper blade cover	1
35	EDC.355/36V.0035	Washerφ6mm	4
36	EDC.355/36V.0036	Screw M6x25mm	6
37	EDC.355/36V.0037	Nut M5	2
38	EDC.355/36V.0038	Hand protection shield	1
39	EDC.355/36V.0039	Spring washerφ5mm	3
40	EDC.355/36V.0040	Screw M5x12mm	2
41	EDC.355/36V.0041	Nut M4	2
42	EDC.355/36V.0042	Connection bracket	1
43	EDC.355/36V.0043	Spring washer	2
44	EDC.355/36V.0044	Screw M4x10mm	2
45	EDC.355/36V.0045	Bearing 6203	1
46	EDC.355/36V.0046	Gear	1
47	EDC.355/36V.0047	Lock nut M6	3
48	EDC.355/36V.0048	Connecting rod	1
49	EDC.355/36V.0049	Screw	2
50	EDC.355/36V.0050	Retractable blade cover	1
51	EDC.355/36V.0051	Washer	1
52	EDC.355/36V.0052	Circlip φ48mm	1
53	EDC.355/36V.0053	Flange(rear)	1
54	EDC.355/36V.0054	Saw blade(optional)	1
55	EDC.355/36v 0055	Flange(front)	1
56	EDC.355/36v 0056	Flange(top)	1

No.	Part no.	Description	Qty
57	EDC.355/36v 0057	Screw M10x20mm	1
58	EDC.355/36v 0058	Spindle cover	1
59	EDC.355/36v 0059	Screw M6x8mm	2
60	EDC.355/36v 0060	Blade cover spring	1
61	EDC.355/36v 0061	Spring pin	1
62	EDC.355/36v 0062	Clamp knob	1
63	EDC.355/36v 0063	Threaded rod	1
64	EDC.355/36v 0064	Split pin	1
65	EDC.355/36v 0065	washer	1
66	EDC.355/36v 0066	Lock pin	1
67	EDC.355/36v 0067	Circlip φ16mm	1
68	EDC.355/36v 0068	Jaw vice	1
69	EDC.355/36v 0069	Screw M4x8mm	10
70	EDC.355/36v 0070	Tray knob	1
71	EDC.355/36v 0071	Spring	1
72	EDC.355/36v 0072	Locating piece	1
73	EDC.355/36v 0073	Fixed screw	1
74	EDC.355/36v 0074	Dust collection tray	1
75	EDC.355/36v 0075	Support plate	1
76	EDC.355/36v 0076	Connecting bracket	1
77	EDC.355/36v 0077	Screw M5x16mm	2
78	EDC.355/36v 0078	Screw M5x18mm	2
79	EDC.355/36v 0079	Dust guard plate	1
80	EDC.355/36v 0080	Spring	1
81	EDC.355/36v 0081	Pin	1
82	EDC.355/36v 0082	Angle lock pin	1
83	EDC.355/36v 0083	Positioning knob	1
84	EDC.355/36v 0084	Washer φ30mm	1
85	EDC.355/36v 0085	Quick release bar	1
86	EDC.355/36v 0086	Screw M10x30mm	1
87	EDC.355/36v 0087	Spring washer	1
88	EDC.355/36v 0088	WasherφM30x10	1
89	EDC.355/36v 0089	Rear fence	1
90	EDC.355/36v 0090	Reinforced plate	1
91	EDC.355/36v 0091	Screw M4x8mm	4
92	EDC.355/36v 0092	Lock nut	1
93	EDC.355/36v 0093	Lock pin	1
94	EDC.355/36v 0094	Quick lock lever	1
95	EDC.355/36v 0095	Support piece	1
96	EDC.355/36v 0096	Fixed support	1
97	EDC.355/36v 0097	Rubber foot	2
98	EDC.355/36v 0098	Spring washer	2
99	EDC.355/36v 0099	Screw M8x25mm	2
100	EDC.355/36v 0100	Alu base	1
101	EDC.355/36v 0101	O-ring	1
102	EDC.355/36v 0102	Steel bushing	1
103	EDC.355/36v 0103	Arm lock pin	1
104	EDC.355/36v 0104	Support axle	1
105	EDC.355/36v 0105	Torsional spring	1
106	EDC.355/36v 0106	Nut M6	1
107	EDC.355/36v 0107	Screw M6x30mm	1
108	EDC.355/36v 0108	Nut M8	1
109	EDC.355/36v 0109	Screw M8x50mm	1
110	018.2002 (optional)	Battery pack 5Ah	2
111	018.2003 (optional)	Battery pack 9Ah	2

9. Warranty and service

Warranty

Euroboor B.V. warrants this magnetic drilling machine to be free of material defects and workmanship errors under normal use for a period of 12 months after date of purchase.

This 12 month period can be extended to 24 months in total by registering the product on our website: <https://euroboor.com/support/register/>.

Serial number:

Date of purchase:

Don't forget to register your machine at:

<https://euroboor.com/support/register/>

[only when registered you benefit from extended warranty]

Service

To maximise the lifetime of your EUROBOOR machine always use service and parts from an official EUROBOOR distribution channel. Whenever in need of such, always contact original point of sales or, if no longer existent, the distributor of EUROBOOR products in your country.