MAINTENANCE

- Keep the ventilation vents of the angle grinder clean at all times, if possible, prevent foreign matter from entering the vents.
- The grease in the gearbox will require replacement / replenishment after extensive use of the grinder. Please see a qualified electrical repairer to provide this service.
- After each use, blow air through the angle grinder housing to ensure it is free from all dust particles which may build up. Build up of dust particles may cause the angle grinder to overheat and fail.
- If the enclosure of the angle grinder requires cleaning, do not use solvents but a moist soft cloth only. Never let any liquid get inside the angle grinder; never immerse any part of the angle grinder into a liquid.

Carbon Brushes

When the carbon brushes wear out, the angle grinder will spark and/or stop. Discontinue use as soon as this happens. They should be replaced prior to recommencing use of the angle grinder. Carbon brushes are a wearing component of the angle grinder therefore not covered under warranty. Continuing to use the angle grinder when carbon brushes need to be replaced may cause permanent damage Carbon brushes will wear out after many uses but when the carbon brushes need to be replaced, take the angle grinder to an electrician or a power tool repairer for a quick and low cost replacement. Always replace both carbon brushes at the same time.

Note: Ozito Industries will not be responsible for any damage or injuries caused by the repair of the angle grinder by an unauthorised person or by mishandling of the angle grinder.

TROUBLESHOOTING

Sparking visible through the housing air vents

A small amount of sparking may be visible through the housing vents. This is normal and does not indicate a problem.

Excessive sparking visible through the housing air vents and/or the angle grinder failing to operate

May indicate the carbon brushes have worn out and need to be replaced. Carbon brushes should only be replaced by a qualified electrician or power tool repairer.

Guard lever will not close

The guard nut may be over tightened. Loosen guard nut slightly and try to close guard lever again.

Guard lever closes but doesn't securely fasten guard/ the guard rattles or moves during tool use

The guard nut may not be tight enough. Tighten the guard nut and then close the guard lever.

SOUND & VIBRATION

Sound and vibration values were measured in accordance with EN 60745-2-3 and EN 60745-1.

L_{pA} sound pressure level:	99 dB (A)
K_{pA} uncertainty:	3 dB
L_{WA} sound power level:	110 dB (A)
K_{WA} uncertainty:	3 dB

Wear ear-muffs.
The impact of noise can cause damage to hearing.

Surface sanding/grinding
Vibration emission value $a_{h,eq}$ = 8.56 m/s²
K uncertainty = 1.5 m/s²

The specified vibration value was established in accordance with a standardized testing method. It may change according to how the electric equipment is used and may exceed the specified value in exceptional circumstances.

The specified vibration value can be used to compare the equipment with other electric power tools.

The specified vibration value can be used for initial assessment of a harmful effect.

Keep the noise emissions and vibrations to a minimum.
- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance.
- Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.
- Wear protective gloves.

For EU countries only

Never place any electric power tools in your household refuse.

To comply with European Directive 2012/19/EC concerning old electric and electronic equipment and its implementation in national laws, old electric power tools have to be separated from other waste and disposed of in an environment-friendly fashion, e.g. by taking to a recycling depot.

Recycling alternative to the return request:
As an alternative to returning the equipment to the manufacturer, the owner of the electrical equipment must make sure that the equipment is properly disposed of if he no longer wants to keep the equipment. The old equipment can be returned to a suitable collection point that will dispose of the equipment in accordance with the national recycling and waste disposal regulations. This does not apply to any accessories or aids without electrical components supplied with the old equipment.

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Subject to technical changes

ELECTRICAL SAFETY

WARNING! When using mains-powered tools, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool.
Save these instructions and other documents supplied with this tool for future reference.
Before you connect the equipment to the mains supply make sure that the data on the rating plate are identical to the mains data.

This tool is double insulated therefore no earthing wire is required.

If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard.

Note: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

Using an Extension Lead

Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective.
When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock.

GENERAL POWER TOOL SAFETY WARNINGS

WARNING! "Read all safety warnings, instructions, illustrations and specifications provided with this power tool." Failure to follow the warnings and instructions may result in electric shock, fire and/ or serious injury.

Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1. 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.

2. 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.

3. 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 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 energizing 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. **Do not overreach. 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 jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery 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. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

4. 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 tool's 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 and tool bits etc. in accordance with these instructions, taking into account the 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.

5. 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.

ANGLE GRINDER SAFETY WARNINGS

Safety information for all Applications
a) This electric tool is designed for use as a grinder/sander and cutting-off machine. Obey all the safety instructions, general instructions, illustrations and data supplied with the tool. If you fail to obey the following instructions, electric shock, fire and/or serious injury may result.
b) This electric tool is not designed for sanding, working with wire brushes or polishing. Use of the electric tool in ways it was not intended could lead to dangerous situations and injuries.
c) Do not use any accessories which have not been designed and recommended by the manufacturer specifically for this electric tool. Just because you can attach an accessory to your electric tool, this does not guarantee that you can use it safely.
d) The maximum speed of the plug-in tool must be at least as high as the maximum speed specified on the electric tool. Accessories which rotate faster than the maximum speed may break and be catapulted out of the tool.
e) The external diameter and thickness of the plug-in tool must comply with the dimension specifications of your electric tool. Plug-in tools of incorrect size cannot be adequately screened or checked.
f) Grinding wheels, flanges, grinding disks or other accessories must fit precisely on the grinding spindle of your electric tool. Plug-in tools which do not fit exactly on to the grinding spindle of the electric tool will rotate irregularly, vibrate a great deal and may result in you losing control.
g) Do not use damaged plug-in tools. Before each use, check plug-in tools such as grinding/sanding wheels for chips and cracks, backing pad for cracks or excessive wear, wire brushes for loose or broken wires. If the electric tool or the plug-in tool is dropped, check whether it is damaged or use an undamaged plug-in tool. When you have checked and fitted the plug-in tool, make sure that you and other persons in the vicinity are not on a level with the rotating plug-in tool and allow the electric tool to run for one minute at maximum speed. Damaged plug-in tools will generally break during this test time.
h) Wear personal protection equipment. Use face guards, eye protection or goggles depending on the application. If appropriate, wear a dust mask, ear protection, safety gloves or special aprons to keep small grinding and material particles away from you. Protect your eyes from flying foreign bodies which may be created by a range of applications. Dust masks or respiration masks must filter the dust generated by the application. If you are exposed to loud noise for a lengthy period of time, you may suffer hearing loss.
i) Ensure that others keep a safe distance away from where you are working. Anybody who enters the area must wear personal protection equipment. Pieces of the workpiece or broken plug-in tools may be catapulted into the air and cause injuries even outside the immediate vicinity of where you are working.
j) Hold the tool only by the insulated handles when carrying out work during which the plug-in tool could contact concealed wiring or its own mains lead. Contact with a live cable will also make the metal parts of the tool live and could cause an electric shock.
k) Keep the power cable away from rotating plug-in tools. If you lose control of the machine, the mains lead may be cut or caught and your hand or arm might be pulled into the rotating plug-in tool.
l) Never put the electric tool down until the plug-in tool has reached a complete standstill. The rotating plug-in tool may come into contact with the surface on which you place it which could result in you losing control of the electric tool.
m) Never leave the electric tool running whilst you are carrying it. Your clothing can come into contact with the rotating plug-in tool and the plugin tool could thus bore into your body.
n) Clean the ventilation slots on your electric tool at regular intervals. The motor fan draws dust into the housing and a heavy accumulation of metal dust can pose electric risks.
o) Never use the electric tool in the vicinity of inflammable materials. Sparks may ignite these materials.
p) Do not use any plug-in tools which require liquid coolant. Use of water or other liquid coolants could result in electric shocks.

Other safety information for all applications
Recoil is the result of a sudden stop of a rotating plug-in tool, such as
a grinding wheel, grinding disks, wire brushes etc. Jamming or blocking leads to an abrupt stop of the rotating plug-in tool. This causes acceleration of any uncontrolled electric tools rotating in the opposite direction to the plug-in tool at the point of blockage.

If for example a grinding wheel gets jammed or blocked by the workpiece, the edge of the grinding wheel could get stuck and the grinding wheel could break free or recoil, if it should come into contact with the workpiece. The grinding wheel moves toward or away from the operator, depending upon the direction of rotation of the disk at the point of blockage. Grinding wheels could also be broken if this occurs.

Recoil is the result of incorrect or wrong use of the electric tool. It can be prevented by suitable precautions, as described below.
a) Hold the electric tool securely and move your body and your arms into a position in which you can absorb the force created by the recoil. Always use the additional handle (if there is one) to give you the maximum possible control over recoil forces or reaction moments whilst the tool is operating at full speed. The operator can manage the recoil and reaction forces by taking suitable precautions.
b) Never move your hand into the vicinity of rotating plug-in tools. The plug-in tool may catch your hand if it suffers recoil.
c) Keep your body out the area into which the electric tool will be moved if it suffers recoil. Recoil will throw the electric tool into the direction opposite to the grinding/sanding wheel at the point at which it is blocked.
d) Work with particular care around corners, sharp edges, etc. Ensure that the plug-in tool does not bounce off or jam in the workpiece. At corners, sharp edges or if it bounces, the rotating plug-in tool will tend to jam. This will result in loss of control or recoil.
e) Do not use chain saw blades or toothed saw blades. These plug-in tools often cause recoil or loss of control of the electric tool.

Special safety information for grinding/sanding and cutting-off
a) Use only grinding/sanding wheels that have been approved for your electric tool and the safety hood designed for these grinding/sanding wheels. Grinding/sanding wheels which are not designed for the electric tool cannot be shielded adequately and are unsafe.
b) The safety hood must be securely fastened to the electric tool and adjusted so that it offers maximum safety, in other words it prevents the smallest possible part of the grinding/sanding wheel from striking the operator. The safety hood helps to protect the operator from broken pieces, accidental contact with the cutting-off wheel, and sparks which could ignite clothing.
c) Grinding/sanding wheels may only be used for the applications for which they are recommended. For example: Never grind/sand a side surface area with a cutting off wheel. Cutting-off wheels are designed for removing material with the edge of the wheel. Applying lateral force to these cutting-off wheels can cause them to break.
d) Always use undamaged clamping flanges of the correct size and shape for the grinding/sanding wheel you have selected. Suitable flanges support the grinding/ sanding wheel and thus reduce the risk of the grinding/ sanding wheel breaking. Flanges for cutting-off wheels may differ from the flanges for other grinding/sanding wheels.
e) Do not used worn grinding/sanding wheels from larger electric tools. Grinding/sanding wheels for larger electric tools are not designed for the higher speeds of smaller electric tools and may break.

Other special safety information for cutting off wheels
a) Avoid blocking the cutting-off wheel or applying excessive contact pressure. Do not make any excessively deep cuts. Overloading the cutting-off wheel will increase the stress on it and its susceptibility to jam or block and therefore the possibility of recoil or of the grinding wheel breaking.
b) Avoid the area in front of and behind the rotating cutting-off wheel. If you move the cutting-off wheel in the workpiece away from yourself, in the event of recoil the electric tool and the rotating wheel may be catapulted directly towards you.
c) If the cutting-off wheel jams or you interrupt your work, switch off the tool and hold it still until the wheel has reached a complete standstill. Never attempt to pull the cuttingoff wheel out of the cut whilst it is still moving, otherwise it may suffer recoil. Find and rectify the cause of the jam.
d) Do not switch the electric tool on again whilst it is inside the workpiece. Allow the cuttingoff disk to reach its full speed before you continue the cut with care. Otherwise the wheel may catch, jump out of the workpiece or cause recoil.
e) Support panels or large workpieces to reduce the risk of recoil by a jammed cuttingoff wheel. Large workpieces may sag under their own weight. The workpiece must be supported on both sides of the wheel both near the cut and also at the edge.
f) Be particularly careful with "pocket cuts" in existing walls or in areas which you cannot see clearly. As the cutting-off disk enters the cut it may suffer recoil if it cuts into gas or water pipes, electric cables or other objects.

DESCRIPTION OF SYMBOLS

Danger! Read the operating instructions to reduce the risk of inquiry.

Double insulated

Caution! Wear ear-muffs. The impact of noise can cause damage to hearing.

Caution! Wear a breathing mask. Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos!

Caution! Wear safety goggles. Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.

This safety guard is designed for sanding/ grinding.

This safety guard is designed for cutting and grinding/sanding.

SERVICE INFORMATION

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Category	Example
Wear parts*	Carbon brushes
Consumables*	Cutting wheels, grinding wheels
Missing parts	

* Not necessarily included in the scope of delivery!

SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse or Homebase store.
For further information, or any parts visit www.ozito-diy.co.uk or contact Ozito Customer Service:
Great Britain: 0151 294 4488
Ireland: 1850 882711
E-mail: info@ozito-diy.co.uk

DECLARATION OF CONFORMITY

ISC GmbH · Eschenstraße 6 · D-94405 Landau/Isar EU

explains the following conformity according to EU directives and norms for the following product

Angle Grinder AGB-2200U (Ozito)

☐ 2014/29/EU
☐ 2005/32/EC_2009/125/EC
☐ 2014/35/EU
☐ 2006/28/EC
☒ 2014/30/EU
☐ 2014/32/EU
☐ 2014/53/EC
☐ 2014/68/EU
☐ 90/396/EC_2009/142/EC
☐ 89/686/EC_96/58/EC
☒ 2011/65/EU

☒ 2006/42/EC
☐ Annex IV
Notified Body:
Notified Body No.:
Reg. No.:
☐ 2000/14/EC_2005/88/EC
☐ Annex V
☐ Annex VI
Noise: measured L_{WA} = dB (A); guaranteed L_{WA} = dB (A)
P = KW; L/D = cm
Notified Body:
☐ 2012/46/EU
Emission No.:

Standard references: EN 60745-1; EN 60745-2-3; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3

Landau/Isar, den 08.12.2017

Weichselgartner/Geraldl-Manager — Yang/Product-Management

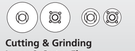
First CE: 17
Art.-No.: 30.001.55 I.-No.: 11027
Subject to change without notice

Archive-File/Record: NAPR018144
Documents registrar: Alex Kurz
Wiesenweg 22, D-94405 Landau/Isar

WHAT'S IN THE BOX

Angle Grinder

Side Handle



Cutting & Grinding Inner & Outer Flange

Cutting & Grinding Guard

Pin Spanner & Spare Brushes

ozito

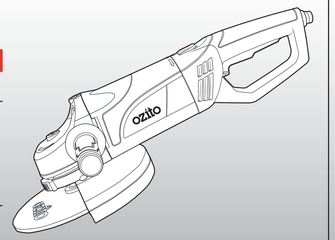
ANGLE GRINDER

230mm (9") 2350W

ORIGINAL INSTRUCTIONS

SPECIFICATIONS

Rated Voltage:	230-240V ~50Hz
Motor:	2350W
Rated Speed:	6,000/min
Disc Diameter:	230mm
Spindle:	M14
Bore:	22mm
Grinding Disc Thickness:	6mm
Protection Class:	II
Weight (Tool Only):	4.7kg



ozito-diy.co.uk

3 YEAR REPLACEMENT WARRANTY

AGB-2200U

WARRANTY

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the customer service number shown. Please note the following terms under which guarantee claims can be made:

1. These warranty terms regulate additional warranty services, which the manufacturer mentioned below promises to buyers of its new products in addition to their statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you.

2. The warranty services only covers defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer.
Please note that our devices are not designed for use in commercial, trade or professional applications. A guarantee contract will not be created if the device has been used by commercial, trade or industrial business or has been exposed to similar stresses during the guarantee period.

3. The following are not covered by our guarantee:
- Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance.
- Damage to the device caused by abuse or incorrect use (for example overloading the device or the use or unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused by external forces (for example by dropping it).
- Damage to the device or parts of the device caused by normal or natural wear or tear or by normal use of the device.

4. Your Product is guaranteed for a period of 36 months from the original date of purchase and is intended for DIY (Do It Yourself) use only. Warranty excludes consumable parts. Guarantee claims should be submitted before the end of the guarantee period within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period. This also applies if an on-site service is used.

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO THE PLACE OF PURCHASE WITH YOUR REGISTER RECEIPT.

Please refer to the restrictions of this warranty concerning wearing parts, consumables and missing parts as set out in the service information in these operating instructions.

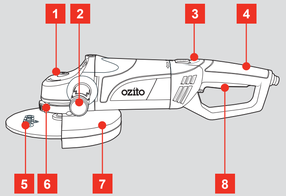
CUSTOMER SERVICE HELPLINE
GB: 0151 294 4488
IRL: 1850 882711
Ozito-diy.co.uk

OZITO UK Unit 9 Stadium Court, Wirral International Business Park, Plantation Road, Bromborough, Wirral, CH62 3QG

KNOW YOUR PRODUCT

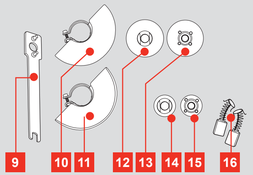
ANGLE GRINDER

1 Spindle Lock
2 Side Handle
3 Handle Rotation Button
4 Rear Handle
5 Grinding Disc
6 Guard Locking Lever
7 Grinding Guard
8 Safety Lock Off Trigger



ACCESSORIES

9 Pin Spanner
10 Cutting Guard
11 Grinding Guard
12 Cutting Inner Flange (80mm)
13 Cutting Outer Flange (80mm)
14 Grinding Inner Flange
15 Grinding Outer Flange
16 Carbon Brushes



ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.

SETUP & PREPARATION

1. BEFORE USE

Items Supplied

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

Danger!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

Proper Use

The angle grinder is designed for grinding metal and stone when using the appropriate grinding wheel and guard.

Warning! To cut metal and stone the grinder/sander may only be used when the guard (available as an accessory) is mounted.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

Caution!
Residual risks

Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be rules out. The following hazards may arise in connection with the equipment's construction and layout:

1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.

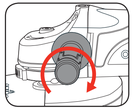
2. HANDLES

CAUTION: ENSURE THE TOOL IS SWITCHED OFF AND DISCONNECTED FROM THE POWER SUPPLY BEFORE PERFORMING ANY OF THE FOLLOWING TASKS.

Side Handle
The side handle can be fitted on both sides and the top of your grinder. The correct position will be determined by your preferred hand and the task.

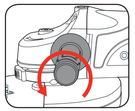
Attaching

1 Firmly attach the side handle on the desired side of the grinder. Thread in clockwise.



Removing

2 Remove side handle by turning anti-clockwise.

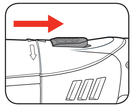


Rear Handle

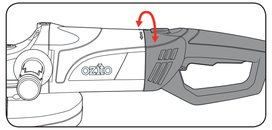
WARNING: NEVER START THE TOOL WITH THE REAR HANDLE LOOSE. ENSURE IT IS SECURELY LOCKED IN POSITION BEFORE OPERATING.

The rear handle can be rotated to increase user comfort and to gain better access to hard to reach or confined places.

1 Pull back the handle rotation button.



2 Rotate the rear handle 90° until it clicks into place.



3. SAFETY GUARDS

Safety Guard
A safety guard should be used at all times whilst operating the angle grinder.

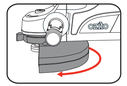
Use ONLY the semi-open Grinding Guard with a grinding disc.

Use ONLY the fully enclosed Cutting Guard with a cutting disc.

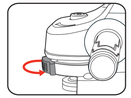
Attaching

1 Release the guard lever and loosen guard nut.

2 Place guard on spindle neck by aligning the notches. Then rotate into the desired position.



3 Tighten guard nut then close the guard lever.

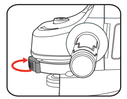


NOTE: IF THE GUARD NUT IS OVER-TIGHTENED, THE GUARD LEVER WILL NOT BE ABLE TO CLOSE PROPERLY.

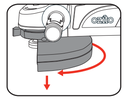
IF THE GUARD NUT IS TOO LOOSE, THE GUARD LEVER WILL CLOSE BUT WILL NOT SECURELY FASTEN THE GUARD TO THE SPINDLE NECK.

Removing

1 Release the guard lever and loosen guard nut.



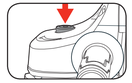
2 Align tabs on the guard with slots on the guard collar and then remove guard.



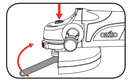
4. CHANGING DISCS

Removing

1 Depress and hold spindle lock button. Rotate the spindle to locate the lock position.



2 Use pin spanner to loosen the outer flange. Remove the inner and outer flange.

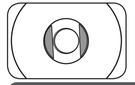


Fitting a Disc

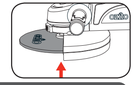
Two sets of flanges are provided with your angle grinder to enable the fitment of a cutting or grinding disc. Ensure you use the correct flanges for the application. Paper washers are for use with cutting discs to prevent the outer flange from self tightening during operation.

CAUTION: INSPECT THE DISC BEFORE FITMENT TO ENSURE IT IS NOT CRACKED OR DEFORMED. THE GRINDING DISC IS SUITABLE FOR GRINDING TASKS ONLY. ONLY USE DISCS WITH A DIAMETER OF 230MM.

1 Place the inner flange onto the spindle, ensuring the notches align with the grooves.



2 For grinding, insert the provided disc with the label facing up, (facing the grinder).

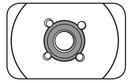


NOTE: FOR CUTTING, ENSURE A PAPER WASHER IS PLACED BETWEEN THE INNER FLANGE AND CUTTING DISC TO PREVENT SELF TIGHTENING DURING OPERATION.

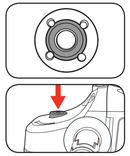
3 Screw the outer flange onto the spindle. The direction of the outer flange differs for the cutting and grinding disc as shown below.

Note: Outer flanges are threaded, Inner flanges are not.

Cutting Disc:
The raised ring on the flange must face away from the cutting disc.



Grinding Disc:
The raised ring on the flange must locate within the hole on the grinding disc.

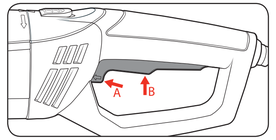


4 Depress and hold spindle lock button. Firmly tighten the outer flange with the pin spanner.

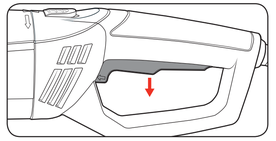
5. ON/OFF SWITCH

CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, THE USE OF A RESIDUAL CURRENT DEVICE (RATED 30mA OR LESS) IS RECOMMENDED.

1 To turn the grinder on, first push safety lock off trigger forward, then depress trigger. Hold the trigger switch in this position for continuous use.



2 To turn the grinder off, release the trigger switch.

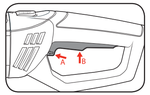


Note: The grinder is fitted with a soft-start switch for added safety.

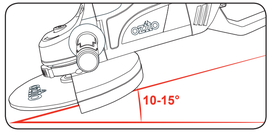
6. GRINDING & CUTTING

1 Ensure the workpiece is securely held down.

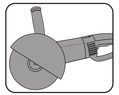
2 Turn on the angle grinder.



3a **For grinding**
The optimum angle is 10-15° to the workpiece. Do not apply excessive pressure. Allow the tool to do the work. This will prevent deep gouging.



3b **For cutting**
The optimum angle is 90° to the workpiece. Do not apply excessive pressure. Allow the tool to do the work.



CAUTION: REGULARLY CHECK THAT THE OUTER FLANGE HAS NOT BECOME LOOSE DURING OPERATION.