Read all safety warnings and all instructions thoroughly before operating this product. Ensure you keep your manual in a safe place for future reference.

IM ed 3; 05/2020
QR codes take you where you want to go quicky and easily

Whether you require product information, spare parts or accessories, details on warranties or aftersales service, or if you want to watch a product demonstration video, our QR codes will take you there in no time at all.

**What is a QR code?**
A QR-code (QR=Quick Response) is a type of matrix that can be read with a smartphone camera and that contains a link to a website or contact details, for example.
Advantage: You are not required to manually enter a website address or contact details.

**How it works**
To scan the QR code, all you need is a smartphone with QR codes reader software and an Internet connection*. This type of software can be downloaded for free from your smartphone’s app store.

**Try it out now**
Just scan the QR code with your smartphone and find out more about the Aldi product you have purchased*.

* Depending on your tariff you may be charged for the connection.
Rotary tool

Warranty details


The product is guaranteed to be free from defects in workmanship and parts for a period of 36 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
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Congratulations on the purchase of your FERREX® Rotary Tool. When you open your packaging, first remove all items and check there are no parts damaged or missing. If you find anything wrong, do not operate the product until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

Application
First time users or inexperienced operators pay particular attention to the operation of the Rotary Tool, including details of starting and stopping and correct use of the Rotary Tool on pages 15-16, as well as the maintenance instructions on pages 18.

Intended use of Rotary Tool
NOTE: This product is for private domestic DIY use only. It is not suitable for commercial or trade use. This Rotary Tool is used for different types of engraving and delicate grinding tasks. It may only be used for dry grinding. The tool is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse.

Contents of carton
1 x Rotary Tool
1 x Ø3.2mm Brush
4 x Ø3.2 mm Grinding bits with shank
1 x Ø3.2 mm Sanding shank
1 x Ø3.2 mm Cutting disc mandrel
1 x Ø3.2 mm Collet
(already on the machine)
1 x Ø3.2 mm Drill bit
1 x Ø3.2 HSS cutter
5 x Ø3.2 Diamond bits
3 x Cutting discs
3 x Sanding bands
2 x Engraving stencils
1 x Adapter
1 x Instruction manual
1 x Warranty Card & Certificate
Description of symbols
The instruction manual or rating plate on your product may show symbols. These represent important information about the product or instructions on its use.

To reduce the risk of injury, user must read instruction manual

Wear ear protection
Wear eye protection
Wear dust mask

Conforms to relevant standards for electrical safety and electromagnetic compatibility.

36 Months Warranty

For indoor use only

Double insulation

SMPS (Switch mode power supply unit)

SMPS incorporating a short-circuit-proof safety isolating transformer (inherently or non-inherently)

The output plug is with positive center pole and negative outer pole

Meps.

The box is recyclable at kerbside.
General safety warnings

**WARNING** Read all safety warnings and all instructions. 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 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) 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 these devices can reduce dust-related hazards.

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 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.

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. 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.*

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.*

6) Recommendation
a) Recommendation that the tool always be supplied via a residual current device having a rated residual current of 30 mA or less
Safety instructions for all operations

Safety Warnings common for grinding, sanding, wire brushing, polishing, carving or abrasive cutting-off operations:

a) This power tool is intended to function as a grinder, sander, wire brush, polisher, carving or cut-off tool. Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

b) Operations such as polishing is not recommended to be performed with this power tool. Operations for which the power tool was not designed may create a hazard and cause personal injury.

c) Do not use accessories which are not specifically designed and recommended by the tool manufacturer. Just because the accessory can be attached to your power tool, it does not assure safe operation.

d) The rated speed of the grinding accessories must be at least equal to the maximum speed marked on the power tool. Grinding accessories running faster than their rated speed can break and fly apart.

e) The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool. Incorrectly sized accessories cannot be adequately controlled.

f) The arbour size of wheels, sanding drums or any other accessory must properly fit the spindle or collet of the power tool. Accessories that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.

g) Mandrel mounted wheels, sanding drums, cutters or other accessories must be fully inserted into the collet or chuck. If the mandrel is insufficiently held and/or the overhang of the wheel is too long, the mounted wheel may become loose and be ejected at high velocity.

h) Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks, sanding drum for cracks, tear or excess wear, wire brush for loose or cracked wires. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute. Damaged accessories will normally break apart during this test time.
i) Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or workpiece fragments. The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtrating particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.

j) Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment. Fragments of workpiece or of a broken accessory may fly away and cause injury beyond immediate area of operation.

k) Hold power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.

l) Always hold the tool firmly in your hand(s) during the start-up. The reaction torque of the motor, as it accelerates to full speed, can cause the tool to twist.

m) Use clamps to support workpiece whenever practical. Never hold a small workpiece in one hand and the tool in the other hand while in use. Clamping a small workpiece allows you to use your hand(s) to control the tool. Round material such as dowel rods, pipes or tubing have a tendency to roll while being cut, and may cause the bit to bind or jump toward you.

n) Position the cord clear of the spinning accessory. If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning accessory.

o) Never lay the power tool down until the accessory has come to a complete stop. The spinning accessory may grab the surface and pull the power tool out of your control.

p) After changing the bits or making any adjustments, make sure the collet nut, chuck or any other adjustment devices are securely tightened. Loose adjustment devices can unexpectedly shift, causing loss of control, loose rotating components will be violently thrown.

q) Do not run the power tool while carrying it at your side. Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.

r) Regularly clean the power tool’s air vents. The motor’s fan will draw the dust inside the housing and excessive accumulation of powdered metal may
cause electrical hazards.

s) Do not operate the power tool near flammable materials. Sparks could ignite these materials.

t) Do not use accessories that require liquid coolants. Using water or other liquid coolants may result in electrocution or shock.

Further safety instructions for all operations

Kickback and related warnings

Kickback is a sudden reaction to a pinched or snagged rotating wheel, sanding band, brush or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory’s rotation.

For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel’s movement at the point of pinching. Abrasive wheels may also break under these conditions.

Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

a) Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces. The operator can control kickback forces, if proper precautions are taken.

b) Use special care when working corners, sharp edges etc. Avoid bouncing and snagging the accessory. Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.

c) Do not attach a toothed saw blade. Such blades create frequent kickback and loss of control.

d) Always feed the bit into the material in the same direction as the cutting edge is exiting from the material (which is the same direction as the chips are thrown). Feeding the tool in the wrong direction causes the cutting edge of the bit to climb out of the work and pull the tool in the direction of this feed.

e) When using rotary files, cut-off wheels, high-speed cutters or tungsten carbide cutters, always have the work securely clamped. These wheels will grab if they become slightly canted in the groove, and can kickback. When a cut-off wheel grabs, the wheel itself usually breaks. When a rotary file, high-speed cutter or tungsten carbide cutter grabs, it may jump from the groove and you could lose control of the tool.
Safety Warnings Specific for Grinding and Abrasive Cutting-Off Operations:

a) Use only wheel types that are recommended for your power tool and only for recommended applications. For example: do not grind with the side of a cut-off wheel. Abrasive cut-off wheels are intended for peripheral grinding, side forces applied to these wheels may cause them to shatter.

b) For threaded abrasive cones and plugs use only undamaged wheel mandrels with an unrelieved shoulder flange that are of correct size and length. Proper mandrels will reduce the possibility of breakage.

c) Do not “jam” a cut-off wheel or apply excessive pressure. Do not attempt to make an excessive depth of cut. Overstressing the wheel increases the loading and susceptibility to twisting or snagging of the wheel in the cut and the possibility of kickback or wheel breakage.

d) Do not position your hand in line with and behind the rotating wheel. When the wheel, at the point of operation, is moving away from your hand, the possible kickback may propel the spinning wheel and the power tool directly at you.

e) When wheel is pinched, snagged or when interrupting a cut for any reason, switch off the power tool and hold the power tool motionless until the wheel comes to a complete stop. Never attempt to remove the cut-off wheel from the cut while the wheel is in motion otherwise kickback may occur. Investigate and take corrective action to eliminate the cause of wheel pinching or snagging.

f) Do not restart the cutting operation in the workpiece. Let the wheel reach full speed and carefully re-enter the cut. The wheel may bind, walk up or kickback if the power tool is restarted in the workpiece.

g) Support panels or any oversized workpiece to minimize the risk of wheel pinching and kickback. Large workpieces tend to sag under their own weight. Supports must be placed under the workpiece near the line of cut and near the edge of the workpiece on both sides of the wheel.

h) Use extra caution when making a “pocket cut” into existing walls or other blind areas. The protruding wheel may cut gas or water pipes, electrical wiring or objects that can cause kickback.
Safety Warnings Specific for Wire Brushing Operations:

a) Be aware that wire bristles are thrown by the brush even during ordinary operation. Do not overstress the wires by applying excessive load to the brush. The wire bristles can easily penetrate light clothing and/or skin.

b) Allow brushes to run at operating speed for at least one minute before using them. During this time no one is to stand in front or in line with the brush. Loose bristles or wires will be discharged during the run-in time.

c) Direct the discharge of the spinning wire brush away from you. Small particles and tiny wire fragments may be discharged at high velocity during the use of these brushes and may become imbedded in your skin.

General Safety Warnings for adaptor

⚠️ WARNING Read all safety warnings and all instructions. 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.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Children should be supervised to ensure that they do not play with the appliance.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
Parts List

1. Collet
2. Tool holder
3. Spindle Lock Button
4. Ventilation opening
5. Grip areas
6. On/Off Switch
7. Adapter connection
8. Adapter
9. Engraving stencil x 2
10. Grinding bits with shank x 4
11. Diamond bits x 5
12. HSS cutter
13. Drill bit
14. Cutting disc mandrel
15. Brush
16. Sanding bands x 3
17. Sanding shank
18. Cutting discs x 3
19. LED Light
WARNING: The tools have sharp edges! Be careful when you install or remove them. Use protective gloves to install or remove the tools.

Attaching the sanding bands (16) with sanding shank (17) (See fig. A)
To attach, simply insert the sanding shank (17) into the sanding band (16).
To remove, pull the sanding band (16) out from the sanding shank (17).

Attaching the cutting discs (18) with mandrel (14) (See fig. B1-B3)
1) Loosen and remove the screw from the cutting disc mandrel (14).
2) Place the cutting disc into the screw. Be sure to position it between the two washers.
3) Attach the screw back to the mandrel (14)
   To remove, unscrew the screw with the disc (18) and the washers.
   Remove the cutting disc (18) and tighten the screw back with the washers to the mandrel (14).
Fitting and removing a tool into the collet (1)

**WARNING**

- Always remove the plug of the adapter from the socket and make sure the on/off switch is in “O” position first before you change a tool.
- Danger of burns! The tool used may be very hot shortly after you finish using it. Allow it to cool down before you remove it.

**Fitting a tool (See fig. C1-C3):**

1) Press the spindle lock button (3) and hold it, loosen the tool holder (2) a little anti-clockwise by hand.
2) Insert the shank of new tool into the collet (1).
3) Keep the spindle lock button (3) depressed, tighten the tool holder (2) clockwise by hand. Release the spindle lock button (3).

**Removing a tool (See fig. C4):**

1) Press the spindle lock button (3) and hold it, loosen the tool holder (2) a little anti-clockwise by hand.
2) Keep the spindle lock button (3) depressed, remove the tool from the collet (1). Tighten the tool holder (2) clockwise by hand. Release the spindle lock button (3).
Operation

**WARNING:**

- After connecting the adapter with the machine, make sure the on/off switch is in the “O” position before connecting the adapter to the power supply.
- Never press the locking button of the tool holder during use! It may only be pressed when changing the tool!
- The tool holder may still rotate even after the machine is switched off. Allow the tool holder to stop by itself. Do not press the spindle lock button to force it to stop.

**Switching on and off (See fig. D1)**

1) Connect the adapter with this machine, and then connect to a proper power supply.
2) To start the tool, press the on/off switch (6) to “I” position (the LED light will on) (See fig. D2). To stop, press the on/off switch (6) to “O” position.

**Using the mini drill**

**WARNING:**

- Make sure the on/off switch is in “O” position first before you connect the plug of the adapter to the socket.

**NOTE:**

- Always test the respective grinding and engraving tool first on a small spot on the workpiece and check the effect on the workpiece before you start working with it.
- Make sure that the workpiece is sufficiently secured against slipping,
- The stencils serve as guides for tracing your engraving! Never attempt to engrave along the stencil directly with the tool. It only serves as a
drawing template!

- Do not press the tool too firmly against the workpiece as this could damage the workpiece or the tool.

1) Secure the workpiece to prevent it from slipping.
2) Insert a tool. See ASSEMBLY section.
3) Connect the adapter to the machine, and then connect the plug of the adapter to a proper power supply.
4) Switch on the machine. See SWITCHING ON AND OFF section.
5) When finished, press the on/off switch (6) to the “I’ position to switch off the machine. Wait until the machine has come to a standstill before you put it down or remove it from the workpiece.

Using the Accessories

**NOTE:** It is recommended to wear eye protection as an additional safety precaution.

<table>
<thead>
<tr>
<th>TOOL</th>
<th>DESCRIPTION</th>
<th>FOR USE ON:</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Grinding bits" /></td>
<td>Grinding bits</td>
<td>For grinding, sharpening, deburring and shaping metals. Also ideal for smoothing off metals, in particular of any welds, rivet joints and patches of rust.</td>
</tr>
<tr>
<td><img src="image2" alt="Diamond bits" /></td>
<td>Diamond bits</td>
<td>For delicate detailed work. Are suitable for scoring, lining and engraving wood, ceramic, glass, steel, semi-precious stones and other hard materials.</td>
</tr>
<tr>
<td><img src="image3" alt="Brush" /></td>
<td>Brush</td>
<td>For cleaning and polishing silver cutlery or gold and silver jewellery. When cleaning / polishing soft metal or precious stones, be gentle and careful not to scratch the surface/s.</td>
</tr>
<tr>
<td>Tool</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Drill bit</td>
<td>For drilling small holes in metals.</td>
<td></td>
</tr>
<tr>
<td>HSS cutter</td>
<td>For delicate engraving work on wood, fibreglass, plastic and soft metals.</td>
<td></td>
</tr>
<tr>
<td>Cutting discs</td>
<td>For grinding and cutting assignments on wood, fibreglass and soft metal materials. Also ideally suited to deburring spots which are difficult to reach.</td>
<td></td>
</tr>
<tr>
<td>Sanding band</td>
<td>For milling and grinding assignments on wood, fireglass, metal and hard rubber materials.</td>
<td></td>
</tr>
</tbody>
</table>

**TIPS FOR ENGRAVING**

Hold the machine in a vertical position (almost 90° to the workpiece). Try to execute individual lines in one uniform movement without stopping if possible as later on it will be possible to see pauses and uneven movements on the engraved workpiece. Sketch out the outlines on the workpiece prior to engraving if necessary (e.g. with the aid of the stencils provided) in order to make it possible to engrave more even lines.

**TIPS FOR GRINDING**

Always grind in several small steps with the grinding and cutting tools. If you want to grind away fairly large amounts of material, first remove larger amounts of material with the cutting tool and then in a second step use the respective grinding tools to create a shape for the fine grinding.
Maintenance

**WARNING:** Remove the plug of the adapter from the socket before carrying out any adjustment, servicing or maintenance.

- Remove any cuttings from the tools. If necessary, use a fine brush or paintbrush to remove dirt and cuttings.
- Keep the ventilation openings of the machine free of any dust, cuttings and other contamination in order to prevent the machine from overheating. Use a brush or a paintbrush for cleaning.
- Make sure that the housing is clean at all times. If necessary, wipe down the machine with a slightly damp, soft cloth. Then dry it with a soft cloth.
- It is not necessary to lubricate any moving parts of the machine.
- Check the machine and accessories for any damage. If there is any damage, the machine and accessories may not be used. Do not try to repair any defective parts yourself. In the event of damage, please immediately contact our customer service department or visit an authorized workshop to guarantee your own safety.
- Store the machine, the adapter and the accessories in a dry, clean place which is protected from the effects of weather and temperature and is out of the reach of children and animals.
Your new FERREX® Rotary Tool will more than satisfy your expectations. It has been manufactured under stringent FERREX® Quality Standards to meet superior performance criteria.

You will find your new FERREX® Rotary Tool easy and safe to operate, and, with proper care, it will give you many years of dependable service.

CAUTION. Carefully read through this entire instruction manual before using your new FERREX® Rotary Tool.

Take special care to heed the Cautions and Warnings.

Your FERREX® Rotary Tool has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this Rotary Tool, making it easy to maintain and operate.

Use only FERREX® replacement parts for your product. Non-conforming parts or modifications made to parts will void your warranty.

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

What your 3 year warranty means

Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly.

In the event of product failure within its intended use over the course of the first 3 years after the date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product please contact us via our after sales support services, details of which can be found in this manual and on the product itself.

After Sales Support TEL: 1300 889 028 or email: info.aldi@positecgroup.com
## FAQ/Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>The machine does not work.</td>
<td>The on/off switch is in “I” position.</td>
<td>Press the on/off switch to “O” position.</td>
</tr>
<tr>
<td></td>
<td>The adapter is not correctly plugged into a socket.</td>
<td>Re-plug the adapter into the socket.</td>
</tr>
<tr>
<td></td>
<td>The socket is defective.</td>
<td>Try another socket.</td>
</tr>
<tr>
<td>The machine stops during use.</td>
<td>The tool is blunt.</td>
<td>Replace a tool.</td>
</tr>
<tr>
<td></td>
<td>The tool used is not suitable for the workpiece.</td>
<td>Change a tool.</td>
</tr>
<tr>
<td></td>
<td>Apply too much pressure during use.</td>
<td>Move the machine with moderate, even pressure.</td>
</tr>
<tr>
<td>The machine slips away.</td>
<td>The tool is not correctly installed.</td>
<td>Re-install the tool.</td>
</tr>
</tbody>
</table>

For other issues not covered in this chart, please call Customer Service on 1300 889 028.
### Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Rated voltage</td>
<td>18V</td>
</tr>
<tr>
<td>Rated power</td>
<td>7W</td>
</tr>
<tr>
<td>Collet size</td>
<td>Ø 3.2 mm</td>
</tr>
<tr>
<td>Rated capacity of accessories</td>
<td>Ø 35 mm</td>
</tr>
<tr>
<td>Rated no load speed</td>
<td>15000 /min</td>
</tr>
<tr>
<td>Machine weight</td>
<td>0.12 kg</td>
</tr>
<tr>
<td>Adapter Model</td>
<td>WJA-Y081800400W</td>
</tr>
<tr>
<td>Adapter input</td>
<td>100V-240VAC 50-60Hz 16W</td>
</tr>
<tr>
<td>Adapter output</td>
<td>18V, 400 mA</td>
</tr>
<tr>
<td>Adapter protection class</td>
<td>/II</td>
</tr>
</tbody>
</table>

### This Rotary Tool complies with the following Standards:

**Rotary Tool**

- **Safety:**
  - IEC 60745-1
  - IEC 60745-2-23
  - AS/NZS 60745.1
  - AS/NZS 60745.2.23

- **EMC:**
  - EN 55014-1
  - EN 55014-2

**Adapter**

- **LVD:**
  - IEC 61558-1
  - IEC 61558-2-16
  - AS/NZS 61558.1
  - AS/NZS 61558.2.16

- **EMC:**
  - EN 55014-1
  - EN 55014-2
  - EN 61000-3-2
  - EN 61000-3-3
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