



FULL BOAR

DIGITAL DRILL PRESS

- **550W (3/4 HP)
INDUCTION MOTOR**
- **DIGITAL SPEED
DISPLAY**
- **STEPLESS SPEED
ADJUSTMENT**



INSTRUCTION MANUAL



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.

SPECIFICATIONS - MODEL NO. FBT-6500

Voltage:	230 – 240V ~ 50Hz
Motor rating:	550 W
Motor speed:	1400/min
Output speed:	450 – 2,500/min
Drill chuck mount:	B 16
Spindle taper:	Morse Taper MT2
Scroll chuck:	Ø 3 – 16 mm
Throat:	160 mm
Dimensions of drill table:	240 x 240 mm
Angle adjustment of table:	45° / 0° / 45°
Drill depth:	80 mm
Column diameter:	65 mm
Height:	940 mm
Base area:	450 x 300 mm
Weight:	40 kg
Laser class:	2
Wavelength of laser:	650 nm
Laser output:	≤ 1 mW

KNOW YOUR PRODUCT

1. Base
2. Column
3. Roller support
4. Drill table
5. Main Housing
6. V-belt
7. Motor
8. Feed Handle
9. Drill chuck
10. Spindle
11. Mounting holes
12. Folding safety guard
13. Depth stop
14. Speed control lever
15. Cover screw
16. Digital display
17. On/Off switch
18. Laser On/Off switch
19. Laser
20. Angle scale
21. Table height lock
22. Table adjustment handle
23. Roller support lock screws
24. Adjustable stop
25. Arbor
26. Depth stop screw
27. Drift key
28. Hex keys
29. Drive pulley
30. Variable pulley
31. Angle piece
32. Table lock
33. Bolts, washers and spring washers x 4

KNOW YOUR PRODUCT (cont.)

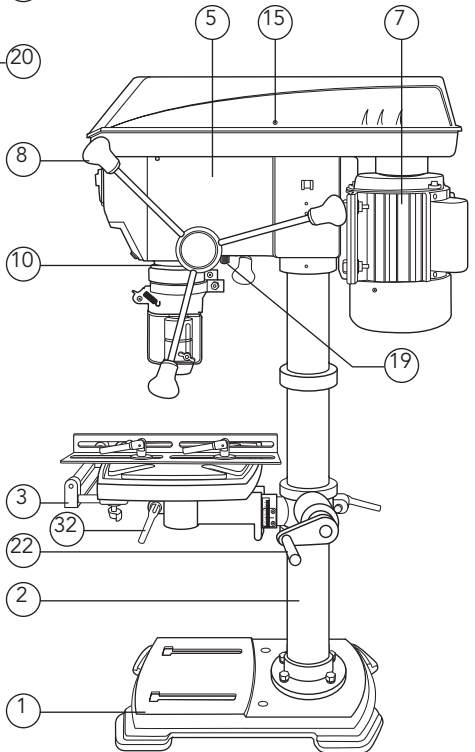
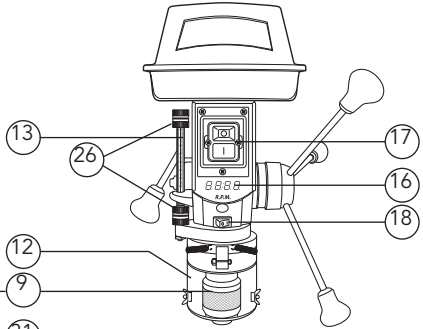
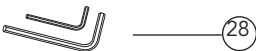
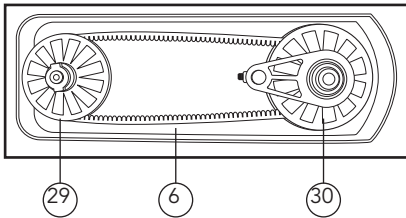
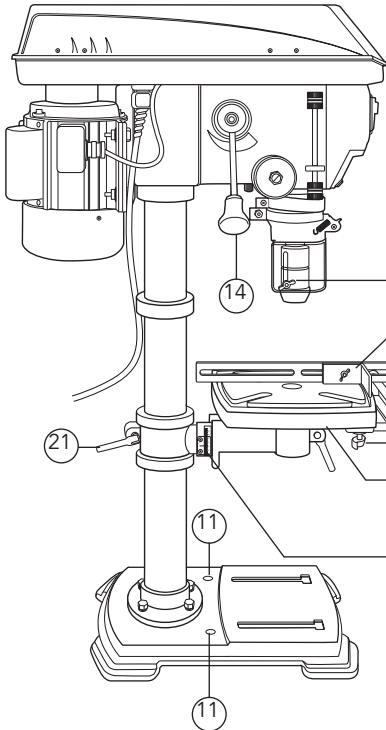


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INTRODUCTION

Congratulations on purchasing a Full Boar Digital Bench Drill Press.

Your Full Boar Digital Drill Press FBT-6500 is designed for drilling large or small holes in metal, plastic, wood and similar materials. Adjustable speed lever with digital display.

SAFETY INSTRUCTIONS



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

Read and understand the manual prior to operating this tool.

Save these instructions and other documents supplied with this tool for future reference.

ELECTRICAL SAFETY

The electric motor has been designed for 230V and 240V only. Always check that the power supply corresponds to the voltage on the rating plate.

Note: The supply of 230V and 240V on Ozito tools are interchangeable for Australia and New Zealand.

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

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 SAFETY INSTRUCTIONS



WARNING! Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "Power Tool" in all of the warnings listed below refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

SAVE THESE INSTRUCTIONS

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.

GENERAL SAFETY INSTRUCTIONS (cont.)

- 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.

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.
- b. **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.

ADDITIONAL SAFETY RULES FOR BENCH DRILLS



IMPORTANT! When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating manual with due care. Keep this manual in a safe place so that the information is available at all times. If you give the equipment to any other person, give them these operating instructions as well.

We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety information.



WARNING! Using any plug-in tools and accessories other than those specified in these operating instructions can lead to injury.

1. The bench drill was designed in such a way so as to all but eliminate potential hazards when the machine is properly used. However, there are a few safety precautions to observe in order to ensure that all residual hazards are ruled out.
2. **Ensure proper voltage.** The voltage must comply with the specifications on the rating plate.
3. **Protection against electrical shock:** Keep the device away from moisture. The device must neither be damp nor be operated in a humid environment. Prior to every use, check the device and the mains cable with plug for damage. Avoid bodily contact with earthed parts e.g. pipes, hot elements, etc.
4. **Protection against fire and explosion:** There are spark producing components inside the device. Do not use the device in the vicinity of combustible liquids or gases. Otherwise there is a risk of fire or explosion.
5. **Handle the device with care:** Do not use the cable to pull the plug out of the socket. Protect the cable from heat, oil and sharp edges. Keep your tools sharp and clean so that you can work efficiently and safely. Follow the maintenance regulations and the instructions for changing tools.
6. **Wear suitable work clothes and personal protection equipment:** Loose clothing is not suitable, as it can be caught by moving parts, causing you to become entangled. Wear a hair net if you have long hair. As a general rule, jewellery should not be worn when working with machine tools. Ensure that you wear safety goggles. Not doing so could result in eye injury.
7. **Store the tools in a safe location:** Store unused devices in a dry, locked location that is out of the reach of children.
8. **Avoid overloading the device:** Operate the device only within the specified output range. Do not use any low-powered machines for heavy duty work. Do not use tools to perform work for which they were not intended.
9. **Maintain a steady foothold:** Ensure that you maintain a steady foothold while working. Avoid abnormal body positions and always keep your balance.
10. **Pull out the mains plug:** Pull out the mains plug when not using the tool, prior to maintenance, and when changing the drill bit.

ADDITIONAL SAFETY RULES FOR BENCH DRILLS

- 11. Avoid unintentional start-up:** Ensure that switch is turned off when plugging the plug into the socket.
- 12. Keep an eye on your work:** Always keep an eye on your machine and the object you are working on. Never use the machine when you are not concentrating or are distracted. Never use the machine when you are under the influence of alcohol or are taking medication.
- 13. Check the tool for damage:** Before using the tool, safety devices and any slightly damaged parts must be carefully checked to ensure that they are in good working order. Visually examine the tool's power cable on a regular basis. All parts must be correctly assembled and meet all the conditions required to ensure proper operation. Unless otherwise specified in the operating instructions, any damaged safety devices and parts must be properly repaired or replaced by a professionally recognized workshop. Never use tools with defective On/Off switches.
- 14.** Your bench drill must be bolted securely to a workbench.
- 15.** This bench drill is intended for use in dry conditions and indoor use only.
- 16. Do not try to drill material too small to be securely held.** Do not drill material that does not have a flat surface unless it is clamped securely.
- 17. Always keep hands out of the path of the drill bit.** Avoid awkward hand positions where a sudden slip could cause your hand to move into the drill bit.
- 18.** Do not use wire wheels, router bits, shaper cutters, circle cutters or rotary planers on this bench drill.
- 19. Always hold the workpiece firmly against the table so it will not move.** Use clamps or a vice for unstable workpieces.
- 20. Do not exceed the rpm stated on the bit or accessory.** See the instructions that come with the accessory. Set the bench drill to a speed appropriate to the job.
- 21.** Make sure there are no nails or foreign objects in the part of the workpiece to be drilled.
- 22.** Do not start the bench drill while the drill bit is touching the workpiece.
- 23. Make sure all clamps and locks are firmly tightened before drilling.** Securely lock the head and table support to the column, and the table to the table support before operating your bench drill.
- 24.** Never turn your bench drill on before clearing the table of all objects (tools, scraps of wood etc.)
- 25.** Let the spindle reach full speed before starting to drill.
- 26.** When drilling large diameter holes, clamp the workpiece firmly to the table. Otherwise, the bit may grab and spin the workpiece at high speed.
- 27.** Make sure the spindle has come to a complete stop before touching the workpiece.
- 28. Always wear safety goggles which comply to a recognised standard.** Use a face or dust mask along with safety goggles if the drilling operation is dusty. Use ear protectors, especially during extended periods of operation.

ADDITIONAL SAFETY RULES FOR LASERS



CAUTION:
Laser radiation.
Do not look into the beam!
Laser class 2

- Never look directly into the laser path.
- Never direct the laser beam at reflecting surfaces or persons or animals. Even a low output laser beam can inflict injury on the eye.
- Never open laser module.
- When the bench drill is not going to be used for an extended period of time, the batteries should be removed. It is prohibited to carry out any modifications to the laser to increase its power.
- Do not make any modifications to the laser that are designed to increase the laser's power.
- The manufacturer cannot accept any liability for damaged caused by a failure to comply with the safety information.



CAUTION: It is vital to follow the work procedures described in these instructions. Using the tool in any other way may result in hazardous exposure to laser radiation.

ASSEMBLY



WARNING! During assembly ensure the bench drill is switched OFF

Assembling the Bench Drill

1. Place the base (1) in the desired position (Fig. 1).
2. Securely fasten the column (2) to the base using the supplied bolts, washers and spring washers (33) (Fig. 2).
3. Insert the drill table (4) into the drill table clamp shaft. Clamp the drill table in place by rotating the table lock (32) clockwise (Fig. 3).
4. Following this, attach the table adjustment handle (22) to the rear, right hand side of the drill table clamp shaft. Tighten the screw on the base of the table adjustment handle with the small hex key (28). (Fig. 4)
5. Fit the main Housing (5) to the column (2). Align the head so that it is horizontal to the base (Fig. 5).
6. Fasten the main Housing (5) in position by tightening the 2 screws as shown (Fig. 6), with the larger hex key (28).

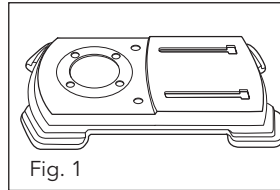


Fig. 1

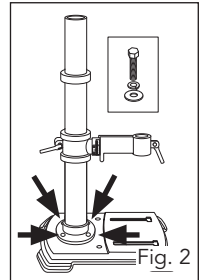


Fig. 2

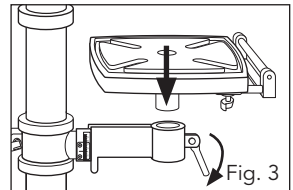


Fig. 3

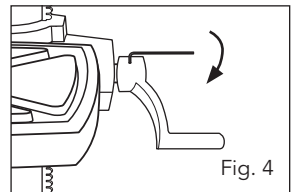


Fig. 4

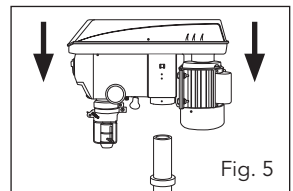


Fig. 5

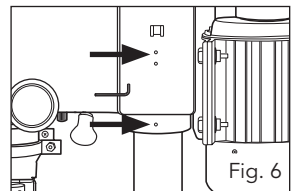
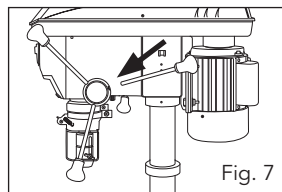


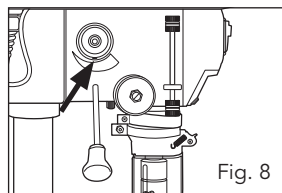
Fig. 6

ASSEMBLY (cont.)

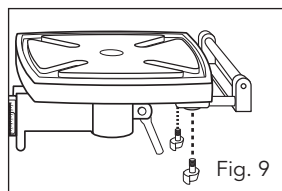
7. Screw the feed handle (8) into the threaded handle mount (Fig. 7).



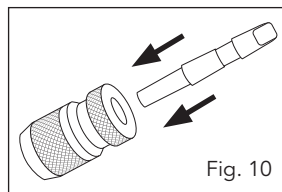
8. On the opposite side of the main Housing, screw in the speed control lever (14) (Fig. 8).



9. Secure the roller support (3) with the 2 roller support lock screws (23) (Fig. 9).

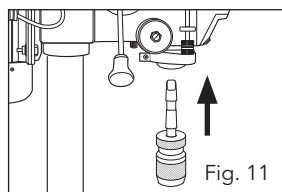


10. Force the arbor (25) into the top of the drill chuck (9) (Fig. 10).



IMPORTANT: Before you mount the drill chuck onto the spindle, check that both parts are free of dirt and grease. This ensures optimal transmission of power.

11. Insert the drill chuck (9) with arbor (25) into the spindle (10) and guide it in until it stops. Turn the chuck until it slips a little further into the spindle. Force the drill chuck upwards and check that it is secure (Fig. 11).

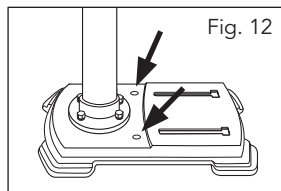


ASSEMBLY (cont.)

Installing the machine

1. Before you use the drill for the first time it must be mounted in a stationary position on a firm surface. Use both mounting holes (11) in the base (1) to do this. Ensure that the machine is freely accessible for operation, adjustment and maintenance (Fig. 12).

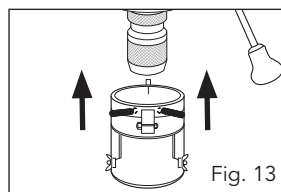
Note: Mounting screws not supplied.



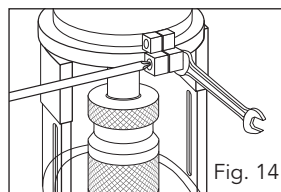
IMPORTANT: The fixing screws may only be tightened to a point where they do not distort or deform the base. Excessive tension can lead to fracture.

Folding safety guard

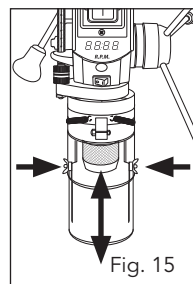
1. Slide the folding safety guard (12) over the chuck so that it faces towards the front (Fig. 13).



2. Secure the safety guard in place by tightening its screw with a screwdriver, while applying counter pressure to its nut with a spanner (Fig. 14).

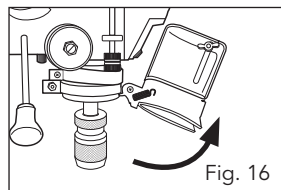


3. The height of the cover is adjustable and can be locked in position using the thumb screws on either side (Fig. 15).



4. The safety guard (12) can be flipped up, exposing the chuck and enabling bits to be changed (Fig. 16).

Note: Please ensure your hands are clear of the guard when it is recreated.



OPERATION



WARNING! The power supply for this product should be protected by a residual current device (rated at 30mA or less). A residual current device reduces the risk of electric shock.

Prior to starting

The bench drill is equipped with a no-volt trip that is designed to protect the operator from an undesired restart following a power outage. Should this occur, the machine must be manually restarted.

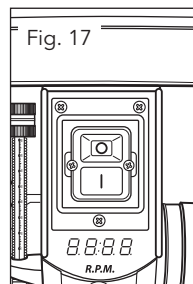
Switching On and Off

1. To switch on the machine, push in the green On button "I" (17); the machine starts up (Fig. 17).
2. To switch off, press the red Off button "O" (17); the device shuts down (Fig. 17).

Note. Ensure that you do not overload the device.

If the sound of the motor drops in pitch during operation, it is being overloaded.

Do not overload the device to the point where the motor comes to a standstill. Always stand in front of the machine during operation.



Inserting the bit

1. Make sure that the power plug is removed from the socket-outlet before changing bits.



CAUTION! Only cylindrical bits with the stipulated maximum shaft diameter may be clamped in the drill chuck (9) (Fig.18).



∅ 3 - 16mm

Fig. 18



CAUTION! Only use a bit that is sharp and free of defects. Do not use bits whose shaft is damaged or which are deformed or flawed in any other way.



CAUTION! Use only accessories and attachments that are specified in the operating instructions or have been approved by the manufacturer. If the bench drill should become jammed, switch off the machine and return the drill to its starting position.

2. Your bench drill is equipped with a keyless chuck. This enables tools to be changed without the need for an additional chuck key. To do so, insert the tool in the quick-change drill chuck and tighten by hand (Fig. 19).



CAUTION! Do not open cover when in use. Changing speed is controlled by the external lever and no access to the belt is required.

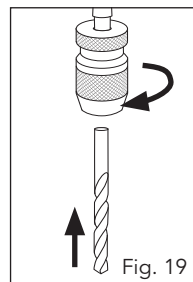


Fig. 19

OPERATION (cont.)

Using tools with tapered shanks

The bench drill comes with a spindle taper.

To use tools with tapered shanks MT2 (morse taper), proceed as follows:

1. Turn the feed handle (8) to move the drill chuck to the lower position (Fig. 20).
2. Lock the spindle in the lowered position by increasing the height of the bottom depth stop screw (26) (Fig. 21). This will maximize access to the drill chuck (Fig. 21).
3. Eject the tapered shank using the supplied drift key (27), taking care as you do so to ensure that the tool chuck does not land on the floor (Fig. 22).
4. Insert the new tool with tapered shank into the spindle (10) and guide it in until it stops. Turn until it slips a little further into the spindle. Jolt it upwards and then check that the tool is correctly seated (Fig. 23). Wear work gloves to protect your hands from sharp edges.

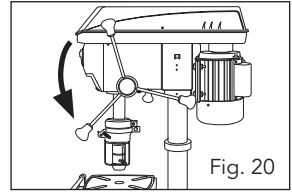


Fig. 20

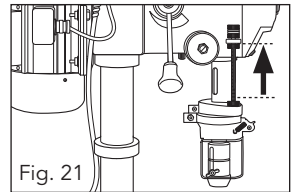


Fig. 21

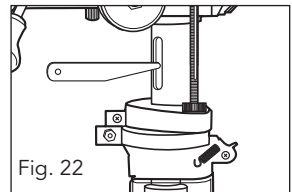


Fig. 22

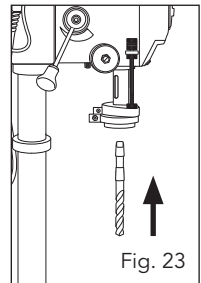


Fig. 23

Setting the speed

The operating speed of the machine is adjustable.

1. Slowly and steadily move the speed control lever (14) while the machine is in idle mode (Fig. 24).

Pull the lever (14) towards the front for higher speeds or push away for a slower speed.



IMPORTANT! Speed adjustments are allowed only when the motor is running.

2. The set speed is shown on the digital display (16) in revolutions per minute (Fig. 25).

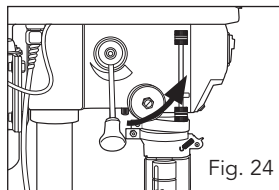


Fig. 24

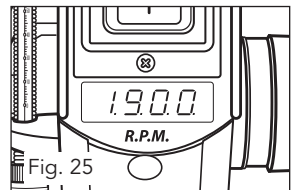


Fig. 25

OPERATION (cont.)

Drill depth stop

The drilling spindle has swivelling depth stop screws for setting the drill depth. Only adjust the setting when the machine is at a standstill.

1. Turn the feed handle (8) to move the drill chuck downwards until the tip of the drill bit reaches the workpiece (Fig. 26).
2. While holding the feed handle in position, turn the second depth stop screw (26) as far down as it will go. Return the chuck to its upright position and take note of where the depth stop screw sits on the scale (Fig. 27).
3. Turn the second depth stop screw (26) up by the distance of the desired drilling depth ie. if the depth stop screw sits at 45mm on the scale and you wish to drill a hole with a depth of 10mm, increase the position of the depth stop screw to 55mm on the scale (Fig. 28) .
4. Lock the setting in place by screwing the top depth stop screw downwards (Fig. 29).

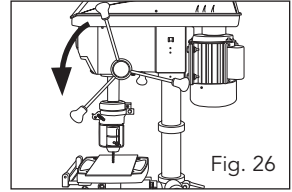


Fig. 26

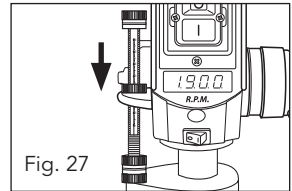


Fig. 27

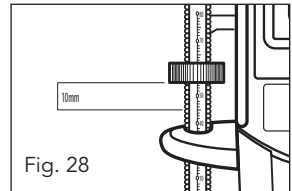


Fig. 28

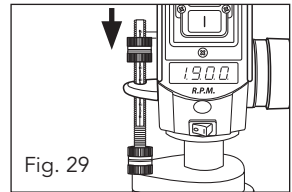


Fig. 29

Setting the angle of the drill table



CAUTION! Before adjusting the angle, ensure the table lock is tightened.

1. Slacken the carriage bolt under the drill table (4) (Fig. 30).
2. With the aid of the angle scale (20), set the drill table (4) to the desired angle (Fig. 31).
3. Tighten down the carriage bolt in order to lock the drill table (4) into this position.

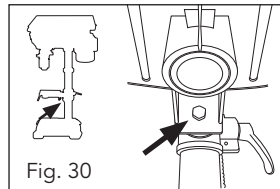


Fig. 30

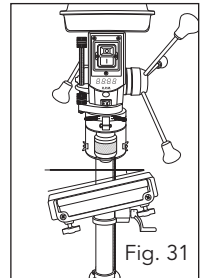


Fig. 31

OPERATION (cont.)

Setting the height of the drill table

1. Slacken the table height lock (21) (Fig. 32).
2. Set the drill table to the desired position with the help of the table adjustment handle (22) (Fig. 33).

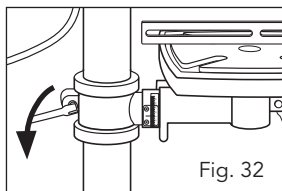


Fig. 32

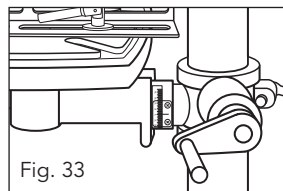


Fig. 33

3. Screw the table height lock (21) back down again.

Drill table and roll base

Slacken the table lock (32) to rotate the drill table to the left or right (4). Retighten when the drill table is in the desired position (Fig. 34).

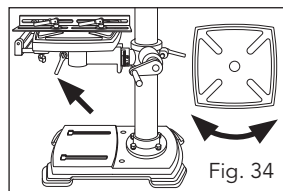


Fig. 34

Roller support base

Slacken the thumb screws (23) to extend the roller support base (3). Retighten when the roller support base is in the desired position (Fig. 35).

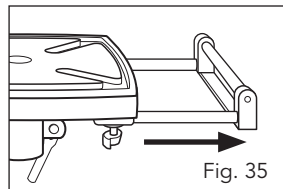


Fig. 35

Adjustable stop

1. Move the sliders on the adjustable stop (24) into two of the four guide slots in the drill table (4) and position it as desired. Fasten the adjustable stop (24) to the drill table using both spindle screws (Fig. 36).
2. Slacken the thumb screw on the angle piece (31) and position it so that the workpiece can be placed against both the adjustable stop (24) and the angle piece (31) (Fig. 37).

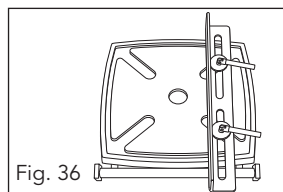


Fig. 36

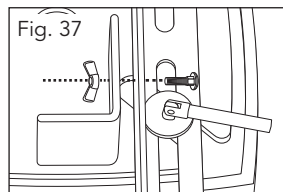


Fig. 37

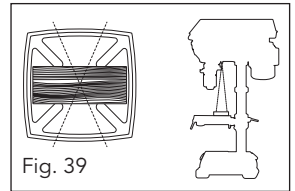
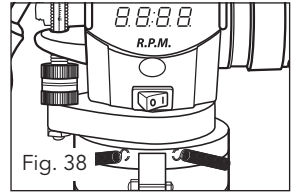


CAUTION! Use a suitable clamping device to secure a workpiece in position. Never hold the workpiece in place with your hand! Ensure that the workpiece cannot rotate.

OPERATION (cont.)

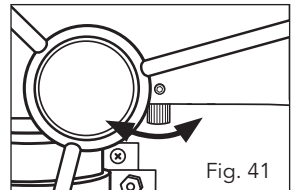
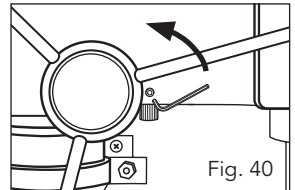
Using the laser

1. To switch on: Move the ON/OFF switch (18) to the "I" position to switch on the laser (Fig. 38).
2. Two laser lines are projected onto the workpiece and intersect at the centre of the drill tip contact point (Fig. 39).
3. To switch off : Move the ON/OFF switch (18) to the "0" position.



Setting the laser

1. Each laser (19) can be individually adjusted by first slackening its screw with the smaller hex key (Fig. 40).
2. Turn the laser (19) until the desired position is achieved. Retighten the screws after you have made the adjustment (Fig. 41).



IMPORTANT! Never look directly into the laser beam!

OPERATION (cont.)

Working speeds

Ensure that you drill at the proper speed. Drill speed is dependent on the diameter of the drill bit and the material in question.

The table below acts as a guide for selecting the proper speed for various materials.

Note: The drill speeds specified are a guide only.

Drill bit Ø	Wood	Aluminium	Mild Steel	Iron	Cast iron
6-9mm	4000-3000	5000-3000	800-480	1100-670	1270-770
10-13mm	3000-2300	3000-2000	480-370	670-510	770-590
14-17mm	2300-1700	2000-1400	370-290	510-400	590-450
18-21mm	1700-1300	1400-1100	290-240	400-320	450-370
22-25mm	1300-1100	1100-1000	240-190	320-270	370-310
26-29mm	1100-1000	1000-700	-	-	-
30-33mm	1000-900	700-620	-	-	-
34-37mm	900-800	620-550	-	-	-
38-41mm	800-700	550-480	-	-	-
42-45mm	700-650	480-420	-	-	-
46-49mm	650-600	-	-	-	-
50-53mm	600-550	-	-	-	-
54-57mm	550-500	-	-	-	-
58-60mm	500-450	-	-	-	-

Note: All drill speed values are in RPM to match the digital display.



CAUTION! Please note that sawdust must be properly evacuated when working with wood, as it can pose a health hazard. Ensure that you wear a suitable dust mask when performing work that generates dust.

MAINTENANCE



WARNING! Ensure the drill press is switched off and disconnected from the power supply before performing any maintenance or cleaning.

- Ball bearings are packed with grease at the factory. No further lubrication of bearings is required.
- Lubricate all moving parts periodically. Wipe the column, table and base with an oily cloth to minimise corrosion.
- Keep air vents clean of dust and dirt.
- Remove dust and dirt from the drill press regularly with a soft cloth, brush or compressed air.
- If the power cord is damaged, have it replaced by an electrician or a power tool repairer.
- Regularly check that all bolts, screws and nuts are securely fixed as these could work loose during normal operation.

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

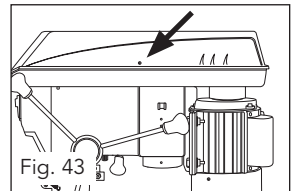
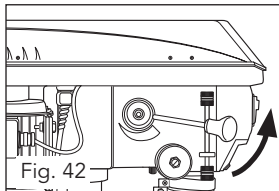
Changing the V-belt



IMPORTANT! Never let the bench drill run when the V-belt cover is open. Always pull out the power plug before opening the cover. Never touch the V-belt when it is rotating.

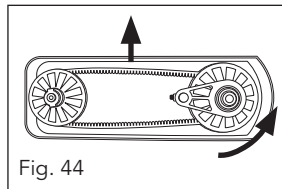
The V-belt of the bench drill is a consumable part and should be replaced when worn. Replace the V-belt as follows:

1. Run the machine while slowly setting the speed adjustor lever (14) to the minimum speed.
2. Switch the machine off, then pull out the power plug.
3. Set the speed adjustor lever (14) to the maximum speed setting to slacken the V-belt (Fig. 42).
4. Undo the screw (15) to open the V-belt cover (Fig. 43).

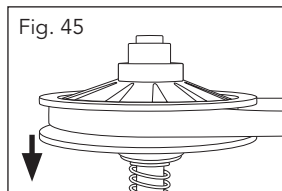


MAINTENANCE (cont.)

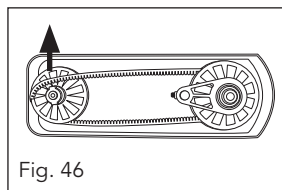
5. Pry the V-belt (6) off of the smaller drive pulley (29) by pulling up the belt on one side and slowly turning the pulleys (Fig. 44).



6. The drive pulley (29) comprises two disks that are pressed together via a spring. If the V-belt (6) does not exhibit enough play to remove it, gently press the bottom half of the drive pulley (29) down to slacken the V-belt (6) (Fig. 45).








7. Fit one end of the new V-belt (6) to the variable pulley (30). Fit the other end to the drive pulley (29) by first sliding it into the groove on one side of the drive pulley (29), then prying the V-belt (6) across the pulley into the groove on the other side (Fig. 46). Pressing down on the bottom disc of the drive pulley will give the V-belt additional slack.



8. Close the V-belt cover and screw down using the cover screw (15).

DESCRIPTION OF SYMBOLS

V	Volts	Hz	Hertz
~	Alternating current	W	Watts
/min	Revolutions or reciprocation per minute	n_o	No load speed
	Read instruction manual		Regulator compliance mark
	Laser light, laser radiation		Warning
	Wear eye protection		

CARING FOR THE ENVIRONMENT



Power tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

CONTENTS

- 1x Main Housing
- 1x Column
- 1x Drill table
- 1x Base
- 1x Adjustable stop
- 1x Angle piece
- 1x Folding safety guard
- 1x Chuck
- 1x Table adjustment handle
- 1x Feed handle
- 1x Speed control lever
- 2x Thumb screws
- 2x Hex keys
- 1x Drift key
- 1x Arbor
- 4x Assembly fasteners

Distributed by:
Ozito Industries Pty Ltd

AUSTRALIA (Head Office)

1-23 Letcon Drive, Bangholme Victoria, Australia, 3175

Telephone: 1800 069 486

WARRANTY

YOUR WARRANTY FORM SHOULD BE RETAINED BY YOU AT ALL TIMES. IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE (see www.bunnings.com.au or www.bunnings.co.nz for store locations) WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY PLEASE TELEPHONE OUR CUSTOMER SERVICE HELPLINE:

**Australia 1800 069 486
New Zealand 0508 069 486**

TO ENSURE A SPEEDY RESPONSE PLEASE HAVE THE MODEL NUMBER AND DATE OF PURCHASE AVAILABLE. A CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

1 YEAR WARRANTY

Your product is guaranteed for a period of **12 months from the original date of purchase**. If a product is defective it will be replaced in accordance with the terms of this warranty. Warranty excludes consumable parts, for example: wheels, bearings.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you under law. The warranty covers manufacturer defects in materials, workmanship and finish under normal use.

Our goods come with guarantees that cannot be excluded under Australian Consumer law & Consumer Guarantees Act 1993 (NZ). You are entitled to a replacement or refund for a major failure and to compensation for other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired and replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

WARRANTY EXCLUSIONS

The following actions will result in the warranty being void.

- If the tool has been operated on a supply voltage other than that specified on the tool.
- If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- Failure to perform maintenance as set out within the instruction manual.
- If the tool is disassembled or tampered with in any way.
- The warranty excludes damage resulting from product misuse or product neglect.

This warranty is given by Ozito Industries Pty Ltd.

ABN: 17 050 731 756

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