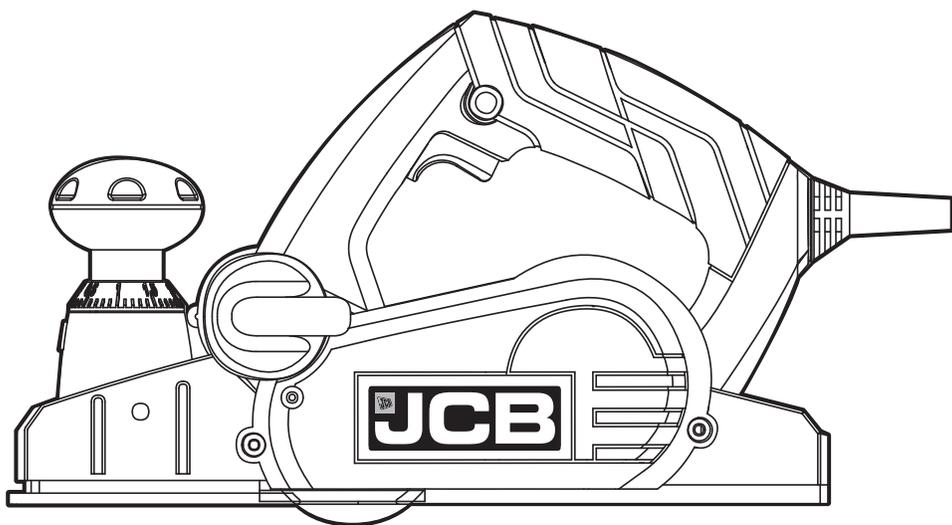




Safety and operating manual

Power Planer

JCB-PP1050



JCB, SO53 3LE

www.jcb-tools.com

Customer Helpline 0333 0143092

ORIGINAL INSTRUCTIONS

GENERAL POWER TOOL 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 electric (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 grounded power tools.** Unmodified plugs and matching outlets will reduce risk of electric

shock.

- b) **Avoid body contact with grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is grounded.
- 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 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.

PLANER SAFETY WARNINGS

1. Wait for the cutter to stop before setting the tool down. An exposed rotating cutter may engage the surface leading to possible loss of control and serious injury.
Note The above warning applies only to planers without an

automatic closing guard.

2. Hold the power tool by insulated gripping surfaces only, because the cutter may contact its own cord. Cutting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

3. Use clamps or another practical way to secure and support the workpiece to a stable platform. Holding the work by your hand or against the body leaves it unstable and may lead to loss of control.

ADDITIONAL SAFETY RULES FOR PLANNER

1. Always wear a dust mask.

SYMBOLS



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



Warning



Wear ear protection



Wear eye protection



Wear dust mask

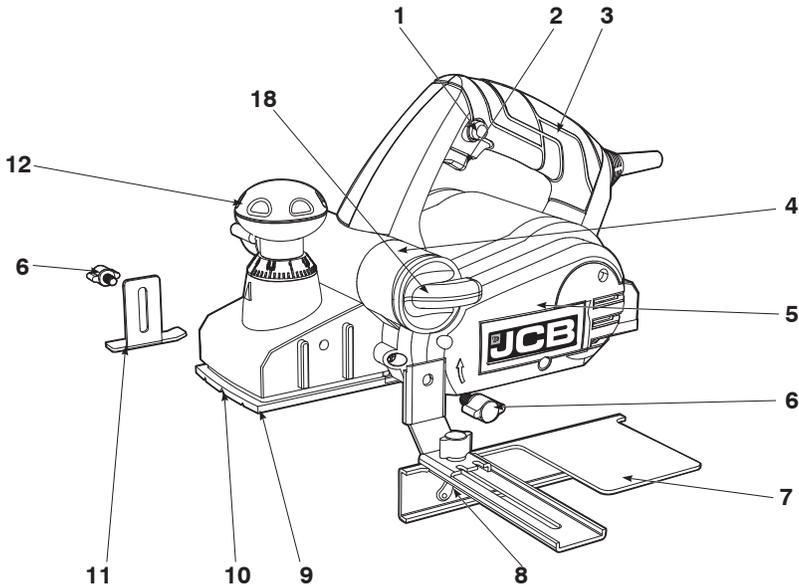


Double insulation



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.

COMPONENT LIST



1. LOCK-OFF SWITCH
2. ON/OFF SWITCH
3. HAND GRIP AREA
4. DUST EXTRACTION OUTLET
5. BELT COVER
6. FASTENING BOLT
7. REBATE PARALLEL GUIDE
8. LOCKING SCREW
9. BASE PLATE
10. V-GROOVES
11. REBATE DEPTH GAUGE
12. CUTTING DEPTH ADJUSTMENT
13. BLADE (See D1)
14. BLADE CLAMP (See D1)
15. SPANNER (See D1)
16. LARGE PULLEY (See E)
17. PINION (See E)
18. DUST COVER

*Not all the accessories illustrated or described are included in standard delivery.

TECHNICAL DATA

Voltage	230-240V~50Hz
Power input	1050W
No load speed	16000/min
Protection class	□ /II
Planing depth	0-4mm
Rebate capacity	0-14mm
Planing width	82mm
Machine weight	3.9Kg

NOISE INFORMATION

A weighted sound pressure L_{pA} : 87dB(A)

A weighted sound power L_{wA} : 98dB(A)

K_{pA} & K_{wA} = 3.0dB(A)

Wear ear protection when sound pressure is over: 80dB(A) 

VIBRATION INFORMATION

Vibration total values (triax vector sum) determined according to EN 60745:

Typical weighted vibration	Vibration emission value $a_h = 6,57m/s^2$
	Uncertainty $K = 1.5m/s^2$

 **WARNING:** The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used dependant on the following examples and other variations on how the tool is used:
How the tool is used and the materials being cut or drilled.
The tool being in good condition and well maintained.
The use the correct accessory for the tool and ensuring it is sharp and in good condition.
The tightness of the grip on the handles and if any anti vibration accessories are used.
And the tool is being used as intended by its design and these instructions.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

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 **WARNING:** To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Helping to minimise your vibration exposure risk.

ALWAYS use sharp chisels, drills and blades.

Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).

If the tool is to be used regularly then invest in anti vibration accessories.

Avoid using tools in temperatures of 10°C or less.

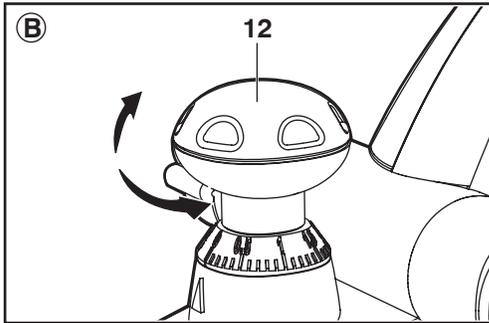
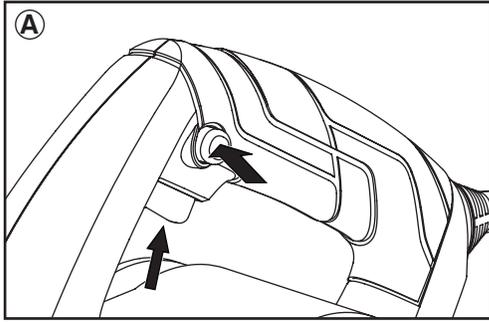
Plan your work schedule to spread any high vibration tool use across a number of days.

ACCESSORIES

Pair spare planer blades	2
Parallel guide	1
Rebate guide	1
Spanner	1
Dust bag	1
Dust cover	1

We recommend that you purchase your accessories from the same store that sold you the tool. Use good quality accessories marked with a well-known brand name. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

OPERATING INSTRUCTIONS



NOTE: Before using the tool, read the safety and operating manual carefully.

INTENDED USE

The machine is intended for planing of firmly supported wooden materials, such as beams and boards. It is also suitable for beveling edges and rebating.

1. SAFETY ON/OFF SWITCH

The switch is locked off to prevent accidental starting. Depress the lock off button (1) then on/off switch (2) and release lock off button (1). The machine is working now. To switch off, just release the on/off switch. (See A)

2. CUTTING DEPTH ADJUSTMENT

Smaller cutting depth of 0-1mm (Max. 4.0mm) is best for most surface planing or rebating. Rotate the cutting depth adjustment (12) to set the required cutting depth on the scale, Scale graduation = 0.1mm. The clockwise rotation increases the planing depth; the counterclockwise rotation reduces the planing depth. (See B)

3. USING THE DUST COLLECTION BAG (SEE C1)

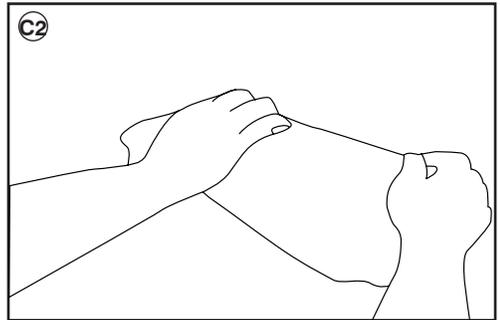
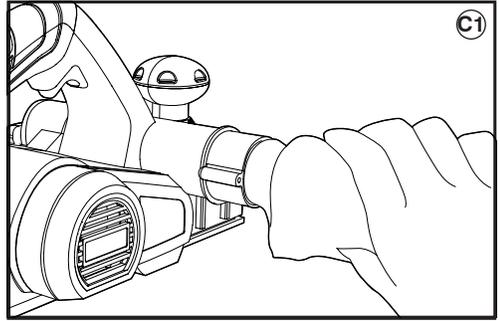
Your planer is equipped with a dust bag for collection of wood chips in the work area.

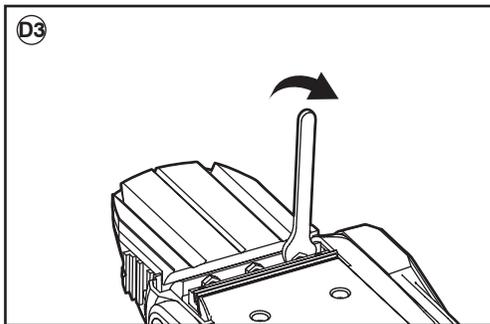
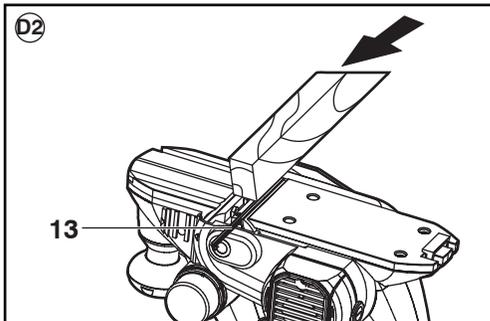
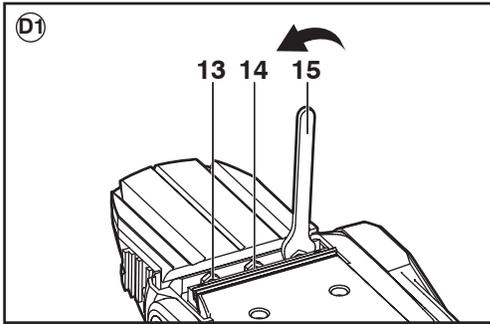
Make sure the zipper on the bag is fully closed. To fit the dust bag, simply insert the tube end of the bag into the dust extraction outlet. Then switch on and start planing.

CLEANING DUST EXHAUST OUTLET AND EMPTYING THE DUST BAG (SEE FIG.C2)

After using your planer for an extended period of time or when planing wet green timber, chips may build-up in the dust exhaust outlet and require clearing. Chip build-up restricts air flow and causes the motor to overheat. Turn off the planer and remove the dust bag from the dust exhaust outlet. Clean the chip and dust exhaust outlet of your planer with a small piece of wood. Do not use your hands or fingers. Unzip the dust bag and empty all chips from it. Ensure collar is free from debris.

We recommend emptying the dust bag every 3-6 minutes.





4. BLADE FITTING AND CHANGING

WARNING: Remove power cord from the socket before carrying out any adjustments or changing blades.

The blade has two cutting edges, which can be reversed. When replacing or reversing the plane blades, the guide groove guarantees constant height adjustment.

NOTE: Dull and worn blades cannot be reground and must be replaced.

Remove the plug from the mains socket. Using the Socket spanner (15) provided loosen the 3 bolts approximately 1/2 rotation counter-clockwise (See D1). Holding the blade clamp (14) in position, using a piece of wood slides the blade (13) out of the blade clamp to remove the blade from the blade clamp (See D2)

NOTE: there is no need to remove the blade clamp (14) as this can change the factory settings for cutting blade height control.

Before reinserting a new or reverse blade, always clean both the blade and the blade seat if dirty. Slide the blade into the blade clamp in the correct orientation. Check the blade is equal with the clamp. Then tighten the three screws to clamp the new blade (See D3). Before starting, rotate by hand to check the roller is free to rotate.

Rotate the blade head by a further 180° and repeat the procedure disassembling the second plane blade.

5. REPLACING A DRIVE BELT

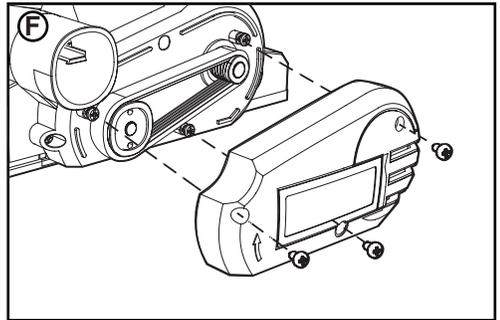
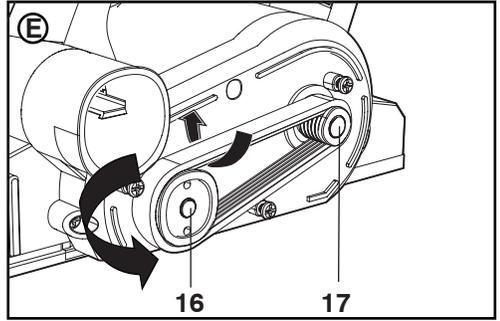


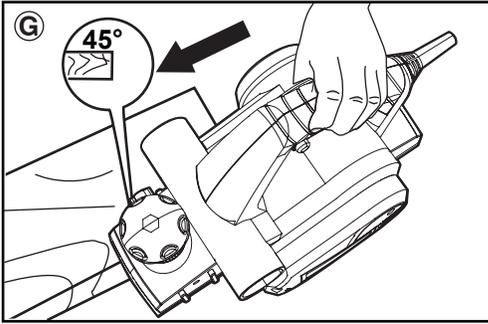
WARNING:1. Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

2. The cutting blades will be turning and may cause injury.

Loosen screw and remove belt cover (5), remove worn drive belt from large pulley (16) and pinion (17) and clean them (See F).lace the new drive belt on the top of pinion and turning it manually, press it on the large pulley (16) (See E).Make sure the drive belt runs exactly along the length grooves of the pinion and the pulley.

NOTE: Place the belt cover (5) back on top and tighten it with screw.





WORKING HINTS FOR YOUR PLANER

! **WARNING: Danger of kickback! Apply the machine to the work piece only when switched on.**

1. STANDARD SURFACE PLANING

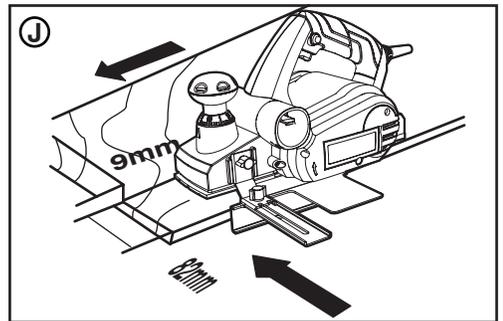
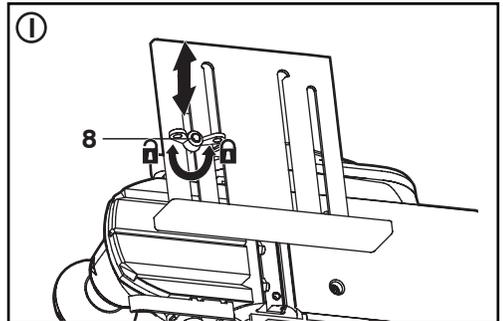
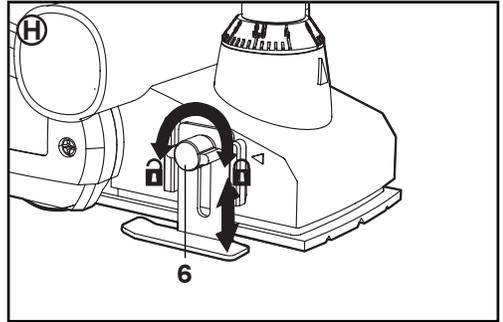
Set the desired cutting depth. Position the front part of the base plate flat onto the work surface. Switch the machine on and push your planer forward and it will start cutting, always maintain all of the base plate flat on the work surface to prevent the cutting blade jumping. Move the plane evenly over the work surface. It is best to use small depths of cut and repeat the planing process.

2. EDGE CHAMFERING

Using the V-groove (10) in the base plate (9) you can make a chamfer on the work piece edge (See G). Guide the planer along the edge and maintain a constant angle and force to produce a good finish. You can control the angle of the chamfer with your hands. Make a test chamfer on a scrap piece of wood. Ensure your work piece is clamped and supported near the edge.

3. REBATING

You use the Rebate Depth Guide (11) and the Rebate Parallel Guide (7) accessories (supplied with your tool). Fit these accessories to your planer. Set the required rebate depth using the scale and the mark on the planer housing next to the scale (See H). Loosen fasten bolt (6) and adjust the required rebating width (max 82 mm). (See I) Tighten locking screw (8) Adjust the desired rebating depth with the rebating Depth Gauge accordingly (Max 14 mm) (See J). Plane as often as necessary to achieve the desired rebating depth. Make sure the plane is guided with a lateral supporting pressure.



MAINTENANCE

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

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.

ENVIRONMENTAL PROTECTION



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.

WARRANTY STATEMENT

A product of hard work

In every corner of the world you'll find a JCB machine. Since our beginnings in 1945, we have always invested heavily in research and development, keeping JCB at the cutting edge of innovation. Today, JCB has some of the finest engineering facilities across the globe, producing a range of over 300 machines and maintains a reputation for unrivaled customer service. The same innovation to always get the job done better, the same quality to never let you down, the same engineering heritage and expertise that you can trust, can be found in JCB Power Tools. JCB power tools are guaranteed against manufacturing defects for a period of 3 years from the date of purchase.

If your JCB power tool becomes defective within this warranty period, we guarantee to:

- Replace or repair all defective parts, free of charge, or
- Repair products free of charge, or
- Replace the unit with a new or re-conditioned unit, free of charge.

Conditions

Your 3 year guarantee does not cover defects caused by or resulting from:

- overload, misuse, or neglect
- normal wear and tear, including accessory wear
- hire use
- repairs attempted by anyone other than an authorised agent
- damage caused by foreign objects, substances or accidents

Your 3 year guarantee does not cover:

- battery packs as they are guaranteed for a 12 month period
- accessories supplied with the power tool.

Warranty claims

For guarantee claims, please contact JCB Customer Services. You will be required to submit proof of purchase.

JCB CUSTOMER HELPLINE 0333 0143092

Terms

This guarantee does not affect your statutory rights. JCB SO53 3LE (Registered in England under No. 973387).

EC DECLARATION OF CONFORMITY

We,
Positec Power Tools (Europe) Ltd
PO Box 6242, Newbury, RG14 9LT, UK

Declare that the product
Description

JCB Power Planer

Type

(JCB-PP1050)

Function

removing surface material with a rotating cutter

Complies with the following Directives,

EC Machinery Directive

2006/42/EC

EC Electromagnetic Compatibility Directive

2014/30/EU

RoHS Directive

2011/65/EU

Standards conform to

EN 60745-1

EN 60745-2-14

EN 55014-1

EN 55014-2

EN 61000-3-2

EN 61000-3-3

The person authorised to compile the technical file,

Name: Russell Nicholson

Address: Positec Power Tools (Europe) Ltd

PO Box 6242, Newbury, RG14 9LT, UK

A handwritten signature in black ink, appearing to read 'Allen Ding', is positioned to the left of the CE mark. The CE mark consists of two large, stylized, grey letters 'C' and 'E' joined together.

Suzhou 2016/01/11

Allen Ding

Deputy Chief Engineer, Testing & Certification

