### WARRANTY CARD

JIG SAW

Model

PJS

Armature No

Purchase

Signature





Address

Name of Purchase



Planet Power Tools Pvt.





### **PJS 75 80MM JIG SAW** INDUSTRIAL

### **HANDLING INSTRUCTIONS**



Read, Understand Carefully & Follow These Instructions While Operating Tool.

**India's Leading Power Tool Brand** 

Manufactured and Marketed by : For Customer Care Number: (022) 4067 6105.



### WARRANTY

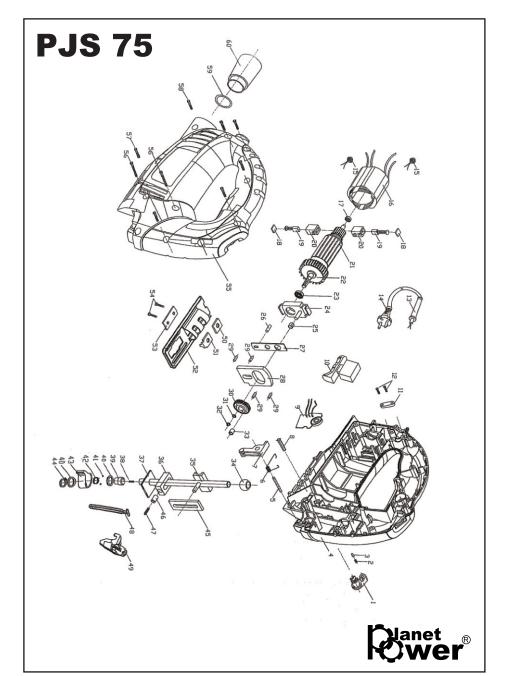
# ATIONS; YOU ARE NOW A PROUD MEMBER OF THE PLANET POWER PARIVAR

procedures ensuring that you only get a world class power tool. All the tools manufactured by Planet Power Tools Pvt Ltd undergo a series of rigorous inspection

well any defects arising out of faulty manufacturing of the tool. valid for six (6) months from the date of purchase. This comprehensive warranty® covers the parts as All Products manufactured by Planet Power Tools Pvt. Ltd. are covered by an international warranty

## The Warranty **DOES NOT** apply to:

- assembly, drill chucks, bearings, flanges etc. Components subject to normal wear and tear e.g. Carbon Brushes, Brush holders, plug and cord
- Unless expressly stated; any and all attachments supplied with the tool.
- Unauthorised repairs, alterations and modifications.
- Damage caused due to dust, slurry, and any foreign objects as well as due to improper use or an
- Damage due to voltage fluctuations





### **Part List**

Item No.	Part Name
1	Pendulum Switch Knob
2	Pendulum Switch Knob Spring
3	Pendulum Switch Knob Pin
4	Left Housing
5	Pin Φ4x30
6	Torsional Spring
7	Rolling Metal Guide
8	Rolling Metal Guide Pin
9	Variable Speed Switch
10	Switch
11	Cable Clamp
12	•
	Tapping Screw
13	Cord Armor
14	Cable
16	Stator
17	Bearing 607z
18	Carbon Brush Holder Cover
19	Carbon Brush
20	Carbon Brush Holder
21	Armature
22	Fan
23	Bearing608z
24	Bearing Holder
25	Needling Bearing K060913
26	Pin Φ4x14
27	Lifting Knife Plate
28	Balance Block
29	Pin Φ3x8
30	Gear

Item No.	Part Name
31	Washer Φ6
32	Circlip Ф6
33	Roller
34	Holder For Saw Arm (Back)
35	Saw Arm
36	Holder For Saw Arm (Front)
37	Wool Block
38	Spring
39	Blade Holder
40	Washer
41	Steel Ball
42	Spring
43	Blade Releases Button
44	Circlip Φ10
45	Saw Arm Fixer
46	Bush
47	Spring
48	Protector
49	Guard
50	Base Washer
51	Angle Washer
52	Base
53	Base Connecting Plate
54	Screw
55	Right Housing
56	Tapping Screw
57	Tapping Screw
58	Tapping Screw
59	O-ring
60	Dust Connction

### **Technical Data**

Model	PJS 75
Voltage	230 V~
Input Power	750 W
No - Load stroke rate	0 - 3000 Strokes/min
Capacity	Wood - 80 mm, Non - Ferrous - 25 mm, Steel - 10 mm
Bevel Cutting	<b>0 - 45</b> <sup>0</sup>
Weight	2.8 Kg

### **General Safety Instructions for Electric Tools**

This device is exclusively for private use! It is not fit for commercial use! **WARNING!** Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury:

### **SAVE THESE INSTRUCTIONS**

### 1) Work area

- Keep work area clean and well lit. Cluttered and dark areas invite accidents
- Do not operate machines in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Machines create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a machine. Distractions can cause you to lose control.

### 2) Electrical safety

- Machine plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) machines. Unmodified plugs and matching outlets will reduce risk of electric shock.
- 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.
- Do not expose machines to rain or wet conditions. Water entering a machine will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the machine. Keep cord away from heat, oil, sharp edges or moving parts.
   Damaged or entangled cords increase the risk of electric shock.
- When operating a machine outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

### 3) Personal safety

- Stay alert, Watch what you are doing and use common sense when operating
  a machine. Do not use a machine while you are tired or under the influence
  of drugs, alcohol or medication. A moment of inattention while operating machines
  may result in serious personal injury.
- Use safety equipment. Always wear eye protection. Safety equipment such as dust mark, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.



### **Operating the Variable Speed Switch**

- The speed can be adjusted by operating the speed control wheel on the front of handle.
- To increase the speed, turn the wheel forward, and to decrease the speed, turn the wheel backwards.

### How do I clean and store this product?

Warning- During maintenance and cleaning, ensure the power is disconnected from the saw. Disconnect your saw from the power supply. Use only mild soap and a slightly damp cloth to clean your saw. Many households cleaners contain chemicals which could seriously damage the plastic, Also do not use petrol, turpentine, lacquer or paint thinners or similar products. Never let any liquid get inside the tool and never immerse any part of your saw into liquid.

- Never use water or other liquids to clean the electrical parts of the tool
- Always clean the tool after use.
- Ensure the ventilation slots do not become blocked to prevent overheating.
- Check the carbon brushes regularly (dirty or worn carbon brushes result in excessive sparking and speed faults).
- Always replace brushes in pairs.

### Care of the Tools

### Overload

Never use excessive force when cutting. Too much pressure reduces the speed of the machine, and the required power is greatly reduced. This may result in overload, which can damage the motor of the machine. When the machine becomes too hot, allow it to run for two minutes without a load and then interrupt working for a short time. Clean the machine with a clean cloth and a brush. Ensure that the ventilation slits are not blocked.

### **ENVIRONMENTAL PROTECTION**



Waste electrical products should not be disposed of with household waste.

Please recycle where facilities exist.

Check with your local authority or retailer for recycling advice.

- Avoid accidental starting. Ensure the switch is in the off position before
  plugging in. Carrying machines with your finger on the switch or plugging in machines
  that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the machine on. A wrench
  or a key left attached to a rotating part of the machine may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the machine in unexpected situations.
- 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.
- 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) Machine use and care

- Do not force the machine. Use the correct machine for your application. The
  correct machine will do the job better and safer at the rate for which it was designed.
- **Do not use the machine if the switch does not turn it on and off.** Any machine that can not be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing machines. Such preventive safety measures reduce the risk of starting the machine accidentally.
- Store idle machines out of the reach children and do not allow persons unfamiliar with the machine or these instructions to operate the machine. Machines are dangerous in the hands of untrained users.
- Maintain machines. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the machines operation. If damaged, have the machine repaired before use. Many accidents are caused by poorly maintained machines.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Use the machine, accessories and tool bits etc., in accordance with these
  instructions and in the manner intended for the particular type of machine,
  taking into account the working conditions and the work to be performed. Use
  of the machine for operations different from intended could result in a hazardous
  situation.

### 5) Service

 Have your machine serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the machine is maintained.

### **Special Safety Instructions**

- Please ensure that the voltage of the mains power supply corresponds to that stated on the type plate. The tool is equipped with a two-pole lead and plug!
- Use safety glasses and a face or dust mask if the cutting or drilling operation is dusty.
   When using the tool for extended periods, or where the noise level is high, use hearing protection.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Always empty the dust collection bag when full.

- Use clamps or a vice to hold the work. It is safer than using your hand and frees both hands to operate the tool.
- Ensure the cord is arranged so that it cannot be tripped over, stepped on or have heavy weights rested on it; and make sure that the cord will not be subjected to any damage.

### Hearing protection

• In case of a sound pressure greater than 85.0 dB(A) wear hearing protection to avoid damage to your hearing!



Class II construction double insulated. This product must not be connected to earth.

### **Description:**

- 1 On-Off Switch
- 2 Pendulum Action Control
- 3 Base Plate
- 4 Speed Control Wheel



### **How do I operate this product?**

This tool is an electronic speed controlled, pendulum action jigsaw. The adjustable speed and 4 stage pendulum action gives an enhanced cutting performance and optimum curve-cutting action, saving the blade from wear. Before using the Jigsaw, read the instructions thoroughly and acquaint yourselves with its features.

Make sure that the working area is clear of all obstacles particularly on the reverse side of the cut. If you use the saw with one hand always ensure your free hand is away from the cutting area.

**Note:** It is recommended that the mains plug is removed from any socket or extension lead prior to ANY adjustment or service being undertaken to avoid accidental start up of the product.

### Fitting a Saw Blade

Turn off the tool and remove the plug from the power socket

- Select a saw blade as applicable for the material to be cut.
- Loose the two screws in the blade holder using the hex key.
- Insert the blade into the blade holder, ensuring that the teeth are pointing forward & the flat back edge of the blade locates in the quide roller..
- Tighten the hex bolt using the hex key.
- Check the blade is correctly positioned in the guide roller and that is sure is secure in the blade holder.

### **Dust Extraction**

Insert the extraction nozzle into the dust extraction opening at the rear of the saw and twist anticlockwise to secure. (Clockwise to remove) Attach a standard vacuum cleaner hose and let the vacuum collect the dust as you saw. Always use a face mask, even when using the vacuum extraction system.

### **Operating the Pendulum Action**

- The pendulum stroke action can be adjusted using the pendulum knob located on the left hand side of the jigsaw, near the blade.
- There are four marked settings. 0, 1, 2 and 3
- Indications of the best pendulum stroke setting for a particular job are given below:

Sheet metal: 0 Steel:0

Plywood :2-3 Aluminum :0

Plastics :1-2

Wood :2-3

### **Angle Sawing**

- The jigsaw can be used to cut at various angles by adjusting the base plate.
- Before adjusting the base plate, ensure that the jigsaw is unplugged from the mains.
- To adjust the base plate, loosen the hex bolt on the underside of the jigsaw using the hex key.
- Slide the base plate forwards, incline it at the desired angle (range: 1 □, 3 □, 4 □)
- Tighten the hex bolt using the hex key.
- Operate the same way as for straight cutting, ensuring that the base plate is firmly held flat against the workpiece.

### **Straight Cuts**

- Ensure the work piece is firmly secured in a vice or workbench
- Mark a line on the work piece through which the cut is required.
- Start the jigsaw and place the front of the base plate onto the work piece
- Align the blade with the cutting mark on the work piece.
- Slowly move the jigsaw forward along the cutting mark. Press the jigsaw down firmly onto the work piece to prevent the blade from snagging or breaking.
- Allow the tool to work at its own pace, letting the blade cut freely -do not force the tool.
   Increasing pressure will not result in a faster cut.
- Choose an appropriate blade according to the required job and finish, depending on the type and thickness of the material. Large teeth will give a quick, coarse cut and small teeth will produce a quality finish.
- When cutting thin board, place it on a wood board to help absorb vibrations

### On/Off Switch

- The on/off switch is located in the saw handle.
- Depress the trigger switch to turn on the Jigsaw.
- The on/off switch can be locked with the locking button on the side of the saw handle.
- To unlock the switch, depress the switch button again. Always ensure that the switch is in the off position before connecting the tool to the mains. Always disconnect the tool from the mains when not in use.