PARKER BRAND .COM

PLASMA CUTTER

PPC-30, PPC-50

OWNERS MANUAL

This manual has been produced by Parker Products Ltd. and should be kept with the product and referenced for operation, maintenance and troubleshooting.

This manual contains an overall description of the product, together with all the necessary information for using the product correctly and safely. It is highly recommended that this manual is read prior to any operation or maintenance of this product. The safety precautions and warnings are to ensure your safety and protect you from harm or damage to the product.

All photographs and drawings in this manual are supplied by Parker Products Ltd. to help you with the operation and maintenance of the product. The information contained in this manual was accurate at the time of production, however Parker Products Ltd. may make modifications to the product without notification.

INTRODUCTION

Your plasma cutting unit is fitted with sophisticated safeguards which block functioning and therefore the cutting operations until all the safety conditions are present. The plasma cutting technique requires dangerously high voltage for pilot arc starting and during cutting, therefore the following safety rules must be observed with great care.

ELECTRICITY

- **Make sure** that the unit is earthed and that the supply line has an adequate earth connection.
- **Make sure** that the work bench has a satisfactory earth connection.
- **Avoid** contact between the metal bars being cut and bare skin or damp clothes.
- **Do not** lean on the piece being cut or hold it in your hands.
- **Do not** use in damp environments or on wet surfaces.
- **Do not** use the unit if the torch or cables appear damaged.
- **Always** turn the unit off before replacing the electrode, the nozzle or the spreader tip of the torch.
- **Always** switch the unit off and remove the power cable from the mains socket before carrying out any maintenance on the unit.

CUTTING FUMES AND GASES

Harmful fumes and metallic powders are produced during the cutting operation. Metals which are painted or coated or which contain mercury, cadmium, zinc, lead and graphite may produce harmful concentrations of toxic fumes during cutting.

To protect the operator or other persons from exposure to possible toxic fumes, fume respirators should be worn and work areas should be adequately ventilated.

When working in enclosed environments, suction units should be fitted below the cutting areas.

FIRE HAZARDS

- Prevent sparks or hot scale from producing flames.
- Remove inflammable or combustible materials from the cutting area.
- Make sure that fire-fighting equipment is located near the work area.
- Situate the unit in an area where the air can be sucked in and exhausted from the grilles on the panel.

CAUTION: During operation if an electric shock is felt, stop immediately and do not use until the fault has been resolved.

CAUTION: Do not cut fuel or lubricant containers even if these are empty.

EMC (Electro-magnetic Compatibility)

Before installing the plasma cutting unit, carry out an inspection of the surrounding area, observing the following guidelines:

- **Make sure** that there are no other power supply cables, control lines, telephone leads or other equipment near the unit.
- **Make sure** that there are no radio receivers or television appliances.
- **Make sure** there are no computers or other control systems.
- **Make sure** that there is no-one with a pacemaker or hearing aid in the area around the unit.
- **Check** the immunity of any other equipment operating in the same environment. In certain cases additional protective measures may be required.

Interference can be reduced in the following ways:

- If there is interference in the power supply line, an E.M.C. filter should be inserted between the mains and the unit.
- The output cables of the unit should be shortened; these should be kept close together and stretched along the ground.
- All the panels of the unit should be correctly closed after carrying out maintenance.

SAFETY DEVICES

The plasma cutting units are supplied with the following safety devices:

Thermal Protection Devices
These are installed at the points most subject to high temperatures such as the power transformers and the rectifying units. An amber light on the front panel lights up when the thermal protection device intervenes.

A Pneumatic Protection Device
This prevents damage to the torch caused by having either no air supply or low air pressure. An amber light on the front panel lights up when the pneumatic protection device intervenes.

An Electric Shock Protection Device
This prevents the operator from coming into contact with the live parts of the torch (such as the electrode, etc.) This consists of a safety device, built into the body of the torch, which breaks the main power circuit when the end part of the torch is removed to replace the electrode or the tip.

When the electrical protection device intervenes, the unit is prevented from operating.

WARNING! Do not cut containers or casings which contain inflammable material.

WARNING! Never cut in environments which are polluted by inflammable gas or combustible liquid vapours (such as petrol).

SAFETY EQUIPMENT

Eye And Body Protection

One of the hazards during the welding/cutting process is the emission of electromagnetic waves due to the electric arc.
The length of these waves ranges from infrared to ultraviolet.
If these rays hit the eyes, they can cause various complaints such as conjunctivitis, burns to the retina, deterioration of sight, etc.
Moreover a high concentration of ultraviolet rays can burn the skin.
It is, therefore, extremely important that the operator uses adequate safety equipment and clothing, such as:

- **Leather Gloves**
- **Leather Aprons**
- **Safety Shoes**
- **Safety Mask** (*or helmet*) - Large enough to cover the whole of the face, equipped with safety lenses able to filter all the radiation and reduce the intensity of the light absorbed by the eye.

CAUTION: Never, under any circumstances, look at an electric arc without eye protection.
CAUTION: Splinters or particles may be detached during cutting, grinding, brushing or hammering away scale.
CAUTION: Always wear goggles or protective shields with transparent lenses to prevent foreign bodies from entering the eye.
IMPORTANT: Safety screens should be used around the welding area to protect others from the radiation given out by the arc.


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


This symbol, before a safety comment, indicates a **PRECAUTION**, a **WARNING** or a **DANGER**. Ignoring this warning can lead to an accident for yourself or for others. To limit the risk of injury, fire, or electrocution always apply the recommendations indicated.


DANGEROUS VOLTAGE


PLASMA CUTTING


MAINS SUPPLY


THERMAL PROTECTION DEVICE


UNDER PRESSURE PROTECTION DEVICE


DANGER! Petroleum spirit is highly flammable. No smoking or naked light.


FLAMMABLE


RISK OF FIRE - Do not add fuel when operating.


EXPLOSION HAZARD


HOT SURFACES WILL BURN FINGERS OR PALMS


POISONOUS FUMES - Do not use the Plasma cutter in an enclosed space.

CONFORMS TO CURRENT SAFETY STANDARDS


CURRENT METER
CURRENT ADJUSTER
TORCH HOSE PORT
TRIGGER CONNECTION PORT
EARTH CABLE PORT
POWER SWITCH
GAS-IN PORT
16 AMP POWER SOCKET
INVERTER WELDING MACHINE
PPC-50


CUTTING TORCH
EARTH CLAMP & CABLE
CONSUMABLES
MASK, BRUSH & STRAP
AIR REGULATOR, GAUGE & BRACKET

UNPACKING AND ASSEMBLY

Inside the box there should be. The Plasma Cutter, Cutting Torch and Cables, Earth Clamp and Cable, Air Regulator, Bracket and Gauge, Face Mask, Brush and Carry Strap and also a pack of consumables. If any are missing or have been damaged in transit, contact ParkerBrand immediately.

BEFORE USING THE PLASMA CUTTER

- **IMPORTANT**: Plasma Cutters should **ALWAYS** be earthed. Attach The Earth Clamp and lead to a suitable earth whenever you use this Plasma Cutter.

Before using your Plasma Cutter make sure that it is:

- In good condition and not damaged.
- Clean and free from fuel or oil spillage.
- Correctly located for use (*See GENERAL SAFETY RULES*).
- You have all necessary safety equipment in place.
- The Plasma Cutter is earthed.

EARTH POINT

Connect the Plasma Cutter earth clamp and cable (*Fig 1.*) to the machine (*Fig 2.*) then fasten the clamp on to the work-piece (*Fig 3.*).

(*Fig 1.*)

(*Fig 2.*)

(*Fig 3.*)

WARNING! This appliance must be earthed.
WARNING! If a metal bench is being used make it also is connected to an earth.

1 INSPECT THE PLASMA CUTTER

Check the plasma cutter and all parts supplied with the machine are not damaged and all components are in good working order before use.

Regular periodic inspection is required to ensure the plasma cutter is suitable for the task. This includes checking the condition of any consumables that may require replacement after periods of use.

Before using the plasma cutter a risk assessment should be carried out respecting the legislation in the country of use.

Locate the machine in close proximity to the correct power supply and allow approximately 500mm air gap around the appliance to ensure sufficient ventilation. The fan located in the rear of the machine housing which must be kept clear. Equally, ensure no debris can be drawn into the machine when in use.

Make certain the location of the plasma cutter does not pose any hazards to yourself or any others that might be working in close proximity to the machine.

Please follow the detailed safety instructions, before attempting to start the machine.

NOTE: Refer to the rating label for energy input details.
WARNING! Remove the plug from the power socket before carrying out adjustment, servicing or any maintenance that maybe required.

ELECTRICAL CONNECTIONS

Connect the mains lead, through a suitably fused isolator switch, to a 230 Volt (50Hz) electrical supply, with a fuse rating in accordance with the specifications. A standard 13 Amp plug **MUST NOT** be used with these plasma cutters.

IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:

GREEN & YELLOW	*Earth*
BLUE	*Neutral*
BROWN	*Live*

- Connect GREEN & YELLOW cord to terminal marked with a letter "**E**" or Earth symbol "⏚" or coloured GREEN or GREEN & YELLOW.
- Connect BROWN cord to terminal marked with a letter "**L**" or coloured RED.
- Connect BLUE cord to terminal marked with a letter "**N**" or coloured BLACK.

We recommend that this machine is connected to the mains supply via a Residual Current Device (**RCD**)

CABLE EXTENSION

Always use an approved extension cable suitable for the power rating of this tool (see specifications), the conductor size should also be at least the same size as that on the machine, or larger. When using cable reel, always unwind the cable completely.

IMPORTANT		
If a cable extension is needed, it is essential to comply with the following data		
Voltage	*Extension length*	*Cable section*
230V	*up to 20 Meters*	*2.5mm²*
230V	*20 - 50 Meters*	*4mm²*

WARNING! This appliance must be earthed.

NOTE: We recommend that this machine is connected to the mains supply via a (**RCD**)

NOTE: A standard 13 Amp plug **MUST NOT** be used.

PRINCIPLES OF OPERATION

What is Plasma Cutting?

Plasma Cutting is a fast, clean and distortion free, means of cutting through all types of metal from mild and stainless steels to aluminium brass and copper.

- An inert gas (*compressed air*) is blown at high speed out of the nozzle; whilst at the same time an electrical arc travels through the gas heating it to an extremely high temperature, this ionizes the gas.
- The column of heated ionized gas is called "Plasma" and is a good conductor of electricity.
- The cutting procedure utilises the plasma to transfer the electric arc to the metal work-piece, which is melted by the heat and then blown out of the way using the compressed air supply.

How the Plasma Cutter works

- The start of the cycle is determined by an arc, called the pilot arc, which is struck between the electrode (*negative polarity*) and the torch nozzle (*positive polarity*) due to the short circuit between these two elements.
- When the torch is brought into direct contact with the work-piece (connected to the positive polarity of the power source) the pilot arc is transferred between the electrode and the work-piece itself thus striking a plasma arc, also called cutting arc.
- Please be aware that this plasma cutter works using drag touch technology. It is imperitive that the cutting tip stays in contact with the metal work-peice to sucessfully make the required cut.

NOTE: The pilot arc is set in the factory at 3 seconds; if the transfer has not been made within this time, the cycle automatically stops.

A source of clean, dry air or nitrogen must be supplied to your plasma cutting unit. The supply pressure must be:

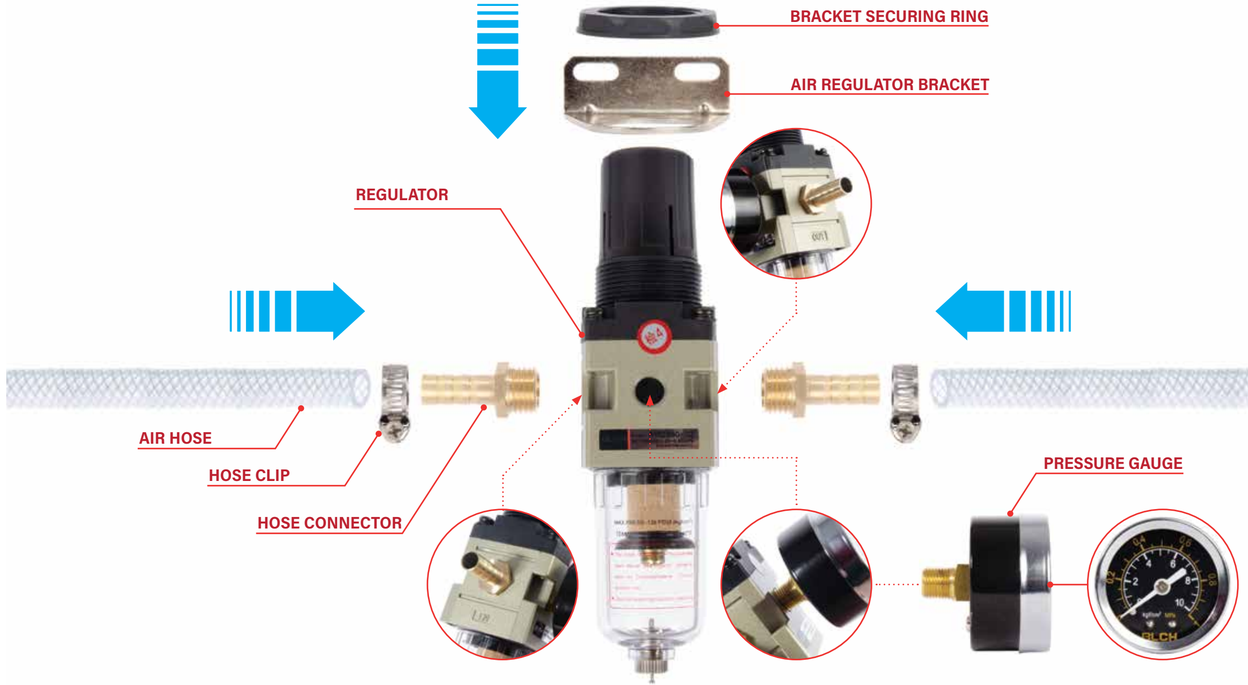
- Between 72.5 and 150 psi (5 and10.3 bar).
- The supply must also have a flow rate of approximately 3.5 cu.ft./ min. (100L/min.).
- The unit will not operate if the input air pressure is below 55 PSI, 3.8 Bar Failure to observe these precautions could result in excessive operating temperatures or damage to the plasma cutter.

REGULATOR

An air regulator is included with the unit with an optimum pressure setting of 65 PSI, 4.5 Bar.

(*Air regulator supplied with Plasma Cutter*)

NOTE: The regulator should never be set above 6 bar.
NOTE: The drain knob (bottom of air regulator) should be closed during cutting operations.
NOTE: Air hose is not supplied with this unit.

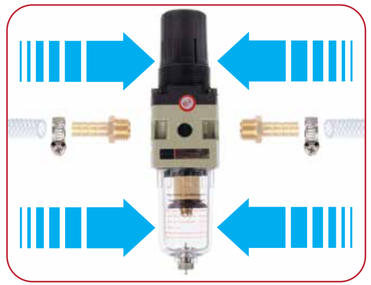


1 ATTACH REGULATOR BRACKET

Attach the regulator to the bracket.

Find a suitable location close by to the Plasma Cutter to attach the regulator to.

2 ATTACH REGULATOR TO HOSE



Attach an air hose (*not supplied*) to the regulator.

Use a small jubilee clip to keep the hose firmly in place.

3 ATTACH REGULATOR TO MACHINE

Attach the regulator to the machine utilising the bracket supplied. Carefully secure the regulator in place using the two screws and the two pilot holes to the rear of the machine.

NOTE: Attach the regulator to the Plasma Cutter utilizing the regulator bracket, screws and pilot holes to the rear of the machine.
CAUTION: Ensure the regulator is attached firmly in place to prevent damage whilst in use.

4 ATTACH EARTH CLAMP CABLE

Attach the Earth Clamp cable to the front of the machine using the earth clamp port.

Place the end of the cable in the port and turn clockwise to secure in place.

5 ATTACH CUTTING TORCH

To attach the cutting torch, first plug in the two pin torch trigger cable.

Secure the torch trigger cable by screwing the outer metal ring onto the port.

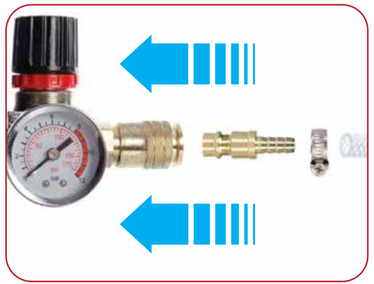
Secondly secure the torch hose by screwing it into the torch hose port.

6 SET REGULATOR

Pull up the regulator knob, and turn it fully anti-clockwise.

This ensures the air regulator is set to minimum.

7 CONNECT AIR SUPPLY



Connect the compressed air supply as shown.

Please note the air hose, 1/4 Euro connector and compressor are not supplied.

8 TURN ON AIR SUPPLY

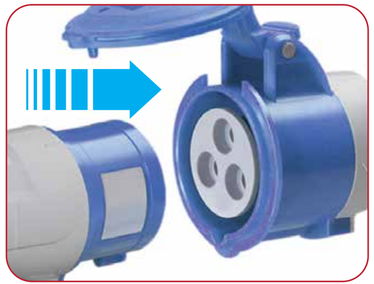
Turn the compressed air supply 'ON'.

9 SET PRESSURE

Turn the air regulator (*supplied with the plasma cutter*) clockwise to a pressure of 65 psi (*4.5 bar*).

When the pressure is set, lock the knob in position, by pushing it down.

10 CONNECT THE POWER SUPPLY



Connect the power supply cable to a 16 amp socket.

Do not to attempt to run the machine from 13 amp mains socket.

11 EARTH

Fasten the earth clamp to the work-piece. If a metal bench is being used, make sure it has also been connected to earth.

If the surface of the piece to be cut is painted, rusty or covered with insulating material, clean the surface so that satisfactory contact between the work-piece and the earth clamp can be obtained.

1 SWITCHING ON/OFF

Switch the plasma cutter ON using the ON/OFF switch.

The Green LED will light up on the control panel.

2 CUTTING

With the torch in starting position, activate the torch trigger button.

- The unit will initiate gas purge to remove any condensation that has accumulated in the torch.
- When the gas purge is complete, pilot arc will come on and stay on until the main cutting arc starts.
- If cutting arc has not started after 2-3 seconds, the pilot arc will go out. Release trigger and press again to relight the pilot arc.
- The cutting tip must stay in contact with the metal

The main cutting arc remains on as long as the trigger is held down, unless the torch is withdrawn from the work or torch motion is too slow. Keep moving while cutting.

Maintain the cutting speed so that the arc lag is about 30° behind the travel direction. If the cutting arc is interrupted, and the torch trigger remains pressed, the pilot arc comes back on automatically for 3 seconds.

NOTE: This plasma cutter works using drag touch technology. The cutting tip must stay in contact with the metal work-peice to cut.
CAUTION: Avoid unnecessary lighting of the pilot arc, to prevent excessive consumption of the electrode and nozzle.
CAUTION: These models are fitted with a pilot arc, cutting can commence even on metal which is painted or coated.
WARNING! Toxic fumes may be given off by burning paint or coated surfaces.

3 EDGE STARTS

Hold the torch perpendicular to the work-piece with the front of the tip on the edge of the work-piece at the point where the cut is to start.

4 DRAG CUTS

Keep the torch in contact with the work-piece. For standoff cutting hold the torch 2-3 mm away. Cut at a steady speed without pausing, the arc lag is about 30° behind the travel direction.

If the arc is broken and the trigger is engaged, the pilot arc automatically activates for 3 secs.

5 PIERCING

Tilt the torch slightly so that blow-back particles blow away from the operator and torch.

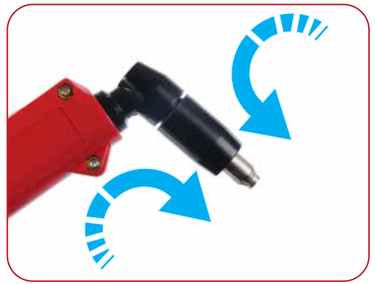
Complete the piercing off the cutting line and then continue the cut onto the line. Hold the torch perpendicular to the work-piece after the cut is complete.

NOTE: Handle torch leads with care and protect them from damage.
NOTE: Clean spatter and scale from the shield cup and the tip as soon as possible. To minimize this use Anti-spatter compound.
NOTE: Maximum piercing capacity is 2mm. To cut metal thicker than 2mm without an edge start, make a 6mm pilot hole before cutting.
CAUTION: Sparks from the cutting process can cause damage to coated, painted, and other surfaces such as glass, plastic and metal.

1 SHUTTING OFF

To stop cutting remove the torch from the work-piece and release the trigger.

2 COOL DOWN



Compressed air will continue to flow for a short period of time, in order to cool the torch.

Do not switch off the machine until the air has stopped flowing or damage may occur to the torch.

3 POWER OFF

With the cooling period complete turn off the power switch.

WARNING! The pilot arc will remain ignited in the nozzle until the torch trigger is released.
WARNING! Never touch the nozzle whilst the pilot arc is ignited as this may result in serious injury.

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PROBLEM	POSSIBLE CAUSE
INSUFFICIENT PENETRATION	*Cutting speed too high.*
	Torch is tilted.
	Work-piece is too thick.
	Cutting current is too low.
	Torch parts are worn out.
INTERRUPTION OF THE CUTTING ARC	*Cutting speed too slow.*
	Excessive distance between torch and work-piece
	AC line too low - reduce output current
	Torch parts are worn out
	Non-genuine manufacturer's parts
	Work cable is disconnected
TILTED CUTTING	*Torch position not correct*
	Asymmetric wear of nozzle hole and/or wrong assemblage of the torch parts.

PROBLEM	POSSIBLE CAUSE
EXCESSIVE SCORIA SETTLEMENT	*Too low cutting speed (bottom dross).*
	Too high cutting speed (top dross).
	Excessive distance between torch and work-piece.
	Cutting current too low.
	Torch parts are worn out.
	Non-genuine manufacturer's parts.
EXCESSIVE WEAR OF THE NOZZLE AND ELECTRODES	*Air pressure too low.*
	Exceeding system capability (material too thick).
	Contaminated air (humidity-oil).
	Excessive pilot arc ignitions in the air.
	Improperly assembled torch.
	Torch tip contacting work-piece.
	Damaged or loose torch head components.
	Non-genuine manufacturer's parts.

1 REPLACING THE CONSUMABLES IN THE TORCH

Unscrew the shield cup from the torch head assembly. Clean the shield cup thoroughly and replace if it is damaged (burnt, distorted or cracked).

Remove the nozzle, gas diffuser ring and electrode. Always replace the nozzle, gas diffuser ring and electrode at the same time

Fit a new nozzle, gas diffuser ring and electrode. Replace the shield cup and ensure that it is secure.

NOZZLE DIAMETER	THICKNESS OF MATERIAL BEING CUT	OUTPUT CURRENT
0.80 mm	> 5mm	*20-30 Amps*
0.65 mm	< 5mm	*10-20 Amps*

PARKER BRAND.COM All **PPC-30/PPC-50** consumables are available from our website.

CAUTION: Before performing any maintenance on the plasma cutter let it cool.
IMPORTANT: Make sure that you do not cross tread the shield cup when you reassemble the torch.

2 MAIN UNIT

Keep the area around the machine clean and free of combustible materials. Do not allow debris to collect, this could obstruct air flow to the machine.

Inspect the unit every 3-4 months, use compressed air to remove any dust deposits.

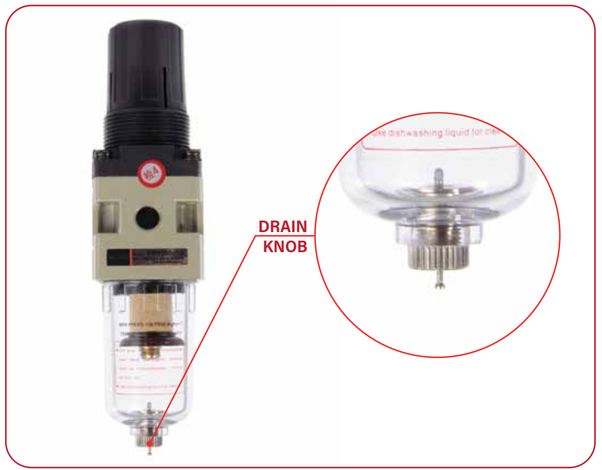
3 TORCH BODY, HANDLE & CABLE

These parts need no particular maintenance with the exception of a periodic inspection and cleaning to keep the torch and the cable in good working order.

If there is damage to the insulation like breaks, cracks and burns or even a loosening of electric conductors, the torch must not be used.

CAUTION: Don't touch torch & cable with hot parts, strain the cable, move on sharp edges or abrasive surfaces or step on the cable.
NOTE: Do not use solvents or strong detergents when cleaning the plasma cutter
NOTE: All repairs must be carried out buy a qualified service engineer.

4 COMPRESSED AIR FILTER



The unit is equipped with a filter for the compressed air. This filter is fitted with a knob for the manual drain of the condensation. Purge periodically to remove the water/oil in the filter by following the instructions below.

MANUAL PURGE

- Oil in the air is a severe problem and must be avoided.
- The unit is equipped with an air filter which captures water and oil vapour.
- The vapour collected can be drained out by turning the drain knob located on the bottom of the air filter.

The drain knob has 3 positions: -

Open, Automatic *(Open when no air pressure, closed when air pressure.)* or closed

The drain knob should be closed during cutting operations (*position 2 or 3*).

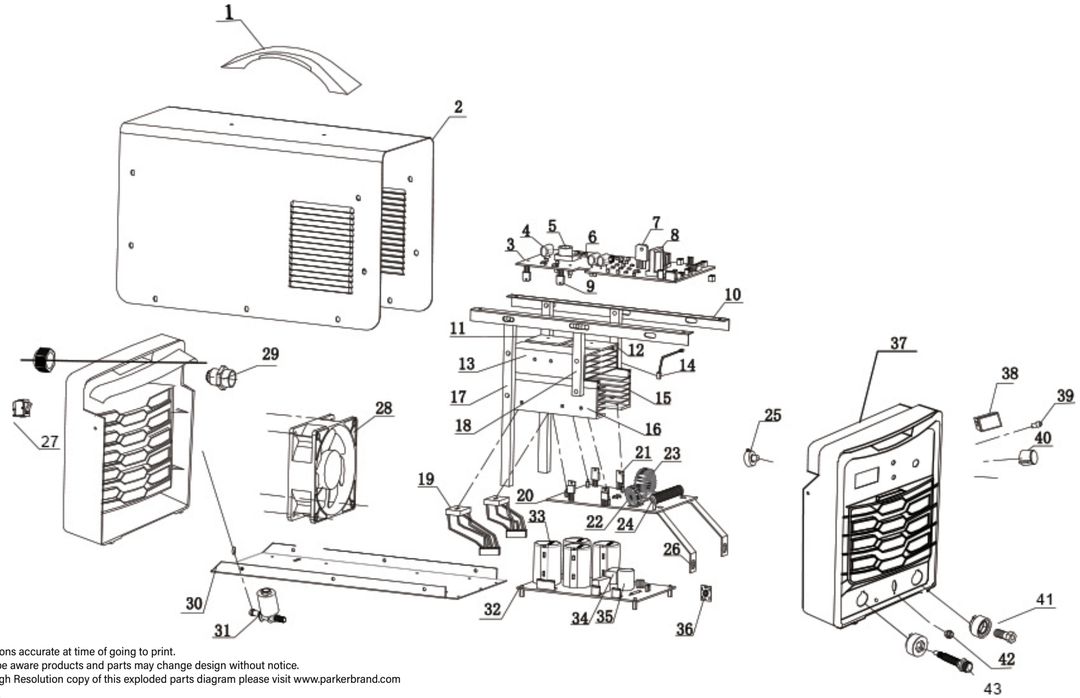
REPLACING THE AIR FILTER

The air filter and air filter cartridge can only be replaced by a qualified service engineer, contact ParkerBrand customer service department on:
01507 499198

PROBLEM	SOLUTION	PROBLEM	SOLUTION
GREEN LED OFF FAN NOT OPERATING. NO INPUT POWER.	*Plug unit into 230V outlet.*	**GREEN LED ON, YELLOW LED OFF, NO AIR FLOW WHEN TORCH SWITCH PRESSED.**	Shield cup not properly installed on torch. Check that shield cup is fully seated against torch.
	Reset breaker.		Faulty Torch Switch.
GREEN LED ON YELLOW LED ON UNIT IS OVERHEATING.	*Make sure the unit has not been operated beyond duty cycle limits.*		Faulty Main PC Board Repair / Replace Power Supply.
	Air flow obstructed.	**GREEN LED ON, YELLOW LED OFF. AIR FLOWS, PILOT ARC DOES NOT START.**	Faulty torch parts. Inspect torch parts and replace if necessary.
GREEN LED ON YELLOW LED FLASHES NO AIR FLOW IN PURGE OR PRE-FLOW.	*Air not connected or pressure too low. Check source for at least 5 Bar (72.5 PSI) during purge or pre-flow, adjust air pressure to 4,5 Bar (65 PSI).*		Gas pressure too high. Set pressure to 65 psi (4.5 BAR).
			Faulty main PC Board. Repair / Replace.
	Air filter or air line blocked, torch blocked. Contact your ParkerBrand service department to replace the filter cartridge. Check that air line and torch leads are free of twists and kinks.	**TORCH HAS PILOT ARC BUT DOES NOT CUT.**	Work lead not connected. Make sure work lead is connected securely to bare metal.
			AC input power too low. Use shortest distance to breaker panel possible.
			Faulty Main PC Board. Repair/Replace.

PPC-50 TECHNICAL SPECIFICATIONS	
Power supply	230V 50Hz 1Ph
Input Current (MAX)	37.2A
Output current (MIN-MAX)	15 - 50A
Maximum cutting depth	Steel - 12 mm Aluminium - 12 mm
Protection Class	IP21S
Weight	9.7 kg
Dimensions L x W x H	495 x 255 x 340 mm
SKU	PPC-50
Duty Cycle	**Current**
60%	50 Amps
100%	38 Amps

PPC-30 TECHNICAL SPECIFICATIONS	
Power supply	230V 50Hz 1Ph
Input Current (MAX)	20.5A
Output current (MIN-MAX)	15 - 30A
Maximum cutting depth	Steel - 8 mm Aluminium - 8 mm
Protection Class	IP21S
Weight	9.5 kg
Dimensions L x W x H	495 x 255 x 340 mm
SKU	PPC-30
Duty Cycle	**Current**
60%	30 Amps
100%	23 Amps



Illustrations accurate at time of going to print.
Please be aware products and parts may change design without notice.
For a High Resolution copy of this exploded parts diagram please visit www.parkerbrand.com

PPC-30/PPC-50 ENGINE PARTS INDEX

1	HANDLE	*9*	IGBT4	*17*	LONG VERTICAL BEAM	*25*	POTENTIOMETER	*33*	CAPACITOR	*41*	GAS & ELECTRICITY CONNECTOR
2	TOP PANEL	*10*	BEAM	*18*	DEEP GROOVE BALL BEARING	*26*	OUTPUT COPPER TAPE	*34*	RELAY	*42*	AVIATION PLUG
3	UPPER BOARD	*11*	INVERTER RADIATOR (BACK LEFT)	*19*	RECTIFIER BRIDGE	*27*	POWER SWITCH	*35*	FBT FLYBACK TRANSFORMER	*43*	QUICK CONNECTOR SOCKET
4	CBB CAPACITANCE	*12*	INVERTER RADIATOR (FRONT LEFT)	*20*	MIDDLE BOARD	*28*	FAN	*36*	GUN SWITCH BOARD	-	-
5	RIVER TRANSFORMER	*13*	INVERTER RADIATOR (RIGHT)	*21*	DIODE	*29*	WATER JOINT	*37*	FRONT PANEL	-	-
6	INSTRUMENT TRANSFORMER	*14*	THERMAL PROTECTOR	*22*	ELECTRIC REACTOR	*30*	BOTTOM PANEL	*38*	DIGITAL DISPLAY	-	-
7	MOS2	*15*	RECTIFIER RADIATOR (LEFT)	*23*	MAIN TRANSFORMER	*31*	SOLENOID VALVE	*39*	YELLOW LIGHT	-	-
8	AUXILIARY TRANSFORMER	*16*	RECTIFIER RADIATOR (RIGHT)	*24*	ARC INDUCTION COIL	*32*	BOTTOM BOARD	*40*	KNOB	-	-

PARKER BRAND .COM

ORDER ONLINE

VISIT OUR ONLINE STORE FOR ALL YOUR SPARE PARTS & CONSUMABLE NEEDS.

OUR PARTS DEPARTMENT IS EXSTENSIVE, WE STOCK PARTS FOR ALL OF OUR PRODUCTS.

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Parker Products Ltd Guarantees the product against defective material or damage for period of 12 months from the date of purchase. A proof of purchase must be provided with the product.

In case of any fault please return the product to Parker Products Ltd or an authorised repair agent.

If any fault is caused by defective materials or quality of build, repair will be carried out free of charge. However, this guarantee does not apply in the case of normal wear and tear, nor any damage caused by misuse, accident or any repair from an unauthorised agency.

NOTE: In order for you to effect this guarantee you must provide proof of purchase in the form of a dated receipt or invoice within a 12 month period of purchase. If repairs are outside of the warranty period a quote will be made accordingly.

Parker Products Limited

Description & Function:
Plasma Cutter

Model/Type:
PPC-30, PPC-50

Manufacturing Date/Serial Number: 2022

Conforms to the following Directives:

☑ Low Votage Directive (2014/35/EU)
☑ Electromagnetic Compatibility 2014/30/EU

and to the harmonised standard have been complied with:

☑ EN 60974-1:2012
☑ EN 50445:2008
☑ EN 60974-10:2014+A1:2015
☑ EN 61000-3-11:2000
☑ EN 61000-3-12:2011

Having been type examined to the requirements of the directives by:

CHINA CEPREI (SICHUAN) LABORATORY.
45 Wenming Dong Road, Chengdu, 610100
P.R. China.

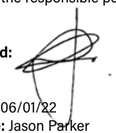
Notified body number: 0865
Certificate number: IT1410LSD15061804
Test Report Number(s): SCC(18)-30605A-13-10-LVD, SCC(18)-30605A-13-10-EMC

Manufacturer's authorised representative within the EC:

Parker Products Ltd.
Richmond Park
Richmond Road
Louth
LN11 0FU

Technical file complied by:
Parker Products Ltd.

Being the responsible person appointed by the manufacturer.

Signed: 

Date: 06/01/22
Name: Jason Parker
Position: Managing Director
Company: Parker Products Ltd.

PARKER BRAND .COM

PPC-30, PPC-50

January 2022

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