



50 Litre Oil Free Compressor

Belt Driven

AIR50L



ORIGINAL INSTRUCTIONS



AIR50L

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Welcome to Autojack

Dear customer, Congratulations on your purchase. Before using the Product for the first time please be sure to read these instructions for use.

They provide you with all information necessary for using the product safely and to ensure its long service life.

Closely observe all safety information in these instructions!

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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.

GENERAL POWER TOOL SAFETY WARNINGS

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

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 replacement of the supply cord is necessary, this has to be done by the manufacturer or its agent in order to avoid a safety hazard.

6. Battery Tool Use and Care

a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury or fire.

GENERAL POWER TOOL SAFETY WARNINGS

c) When Battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal object that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

d) User abusive conditions, liquid may be ejected from the battery; Avoid contact. If contact accidentally occurs, flush with copious amounts of water. If liquid contacts eyes, seek medical help immediately. Liquid ejected from the batter may cause irritation or burns.

7 Additional Safety Instructions for compressed air and blasting guns

7.1 During operation Compressor pump and lines can become extremely hot. Touching these parts is dangerous and will burn you.

7.2 Air which is compressed must be kept free of any impurities which could cause fires or explosions in the compressor pump.

7.3 Always secure the hose coupling as you release it. This prevents injury caused by a rebounding hose.

7.4 Wear Safety goggles when using the blowout pistol. Eyes are extremely sensitive and easily injured by small and large foreign bodies, which are disturbed when using the pistol.

7.5 Do not use or point the Blowout pistol on or at others.

7.6 Do not clean clothes or use on yourself this can cause injury.

8 Additional Safety Instructions for Paint Spraying

8.1 Do not use paints or solvents whose flash points are below 55°C as there is a risk of explosion.

8.2 Never heat up paints or solvents this can lead to fires or explosions.

8.3 If using hazardous liquids, wear protective face guards and adhere to all safety information for the liquids provided by the manufacturer.

8.4 Do not smoke while operating and/or in the work area. Paint vapours and other small particulates are highly combustible and can explode.

8.5 Evaluate the situation and wear suitable clothing and masks if the situation calls for it.

8.6 Never set up or operate the machine while near to or in the vicinity of a fire place, open lights, sparking machines or any naked flame.

8.7 keep food and drink away from work area paint vapours are damaging to your health.

8.8 Use in a well ventilated area.

8.9 Ensure that the work area is at least 30m³.

8.10 Do not use materials such as white spirits, Butyl Alcohol and methylene chloride with the PVC hose. These materials will destroy the hose damaging the product and creating an unsafe work environment.

GENERAL POWER TOOL SAFETY WARNINGS

9 Additional

Safety Instructions for operating pressure vessels

9.1 Vessel must be kept in good working order, any repair or maintenance work necessary must be carried out immediately.

9.2 Supervisory authority may enforce essential control measures in individual cases.

9.3 DO NOT USE A DEFICIENT OR FAULTY PRESSURE VESSEL. This can seriously endanger workers or third parties.

9.4 Always check your pressure vessel for signs of rust and damage before each use. Do not use if found to be damaged.

10. Using an Extension Cable.

10.1 If an extension cable is required, use an approved triple core extension cable suitable for the power input of the tool.

10.2 Grounded tools always require a three wire extension cable.

10.3 As the distance from the supply outlet increases you must use a heavier gauge extension cable. Using extension cables with inadequately sized wire causes a serious drop in voltage, resulting in loss of power and possible tool damage.

10.4 The smaller the gauge number of the wire the greater the capacity of the cord.

10.5 When using a cable reel, always unwind the cable completely.

SYMBOLS



Danger! – Read the operating instructions to reduce the risk of injury.



Caution! Wear safety goggles.



Caution! Wear ear defenders. The impact of noise can cause damage to hearing.



Caution! Risk of Injury! Do not reach into the running saw blade.



Caution! Wear a dust mask.

MACHINE DETAILS AND PRODUCT FEATURES

Machine Details

Specifications:

Mains Voltage - 230V / 50Hz

Output - 1500W/2HP

Operating Mode – S3 25%

Motor speed - 4000rpm

Capacity – 50Litre

Operating pressure – approx. 10 bar

Theoretical intake –approx. 240l/min

Sound power level L_{wa} – 97 dB (A)

Gross weight – 26Kg

Package Contents:

1 x Compressor

2 x wheels

2 x feet

1 x bag of assorted bolts, washers and nuts

Product Features

1. Drain plug for condensation water
2. Pressure vessel
3. Wheel
4. Supporting feet
5. Quick-Lock coupling
6. Pressure gauge
7. Pressure regulator
8. ON/OFF switch
9. Transport handle

Intended Use

Designed to generate compressed air with an air volume up to approx. 170 l/min (eg. Tires, blow-out pistol and paint spray gun). This limits its use to be unsuitable for very high air consumption tools.

Using equipment in ways other than its intended use the user and not the manufacture will be liable for any damage or injuries caused.

Also note that this equipment is not designed for commercial or industrial use. Warranty will be voided if used for these purposes.

Assembly

1. Before starting to assemble the compressor

- 1.1 Check equipment for damage which may have occurred in transit. Report this immediately to the carrier used for delivery.**
- 1.2 Assemble and install near the area intended to be used.**
- 1.3 Avoid long electric wires and air lines.**
- 1.4 Avoid Installing in a damp or wet environment.**
- 1.5 Check the air is dry and dust free.**
- 1.6 You cannot use the compressor in an area where work is conducted with sprayed water.**
- 1.7 This compressor can only be used in rooms with good ventilation and temperature of +5 to +40°C.**
- 1.8 Ensure there is no dust, acid, vapors, explosive gasses or inflammable gases in the room.**

2 Product assembly

2.1 Fitting wheels – screw on each wheel, one washer and one nut onto the threads of the wheels. Mount the wheels onto the wheel holders. Use a wrench to hold the first nut and then use a second nut and washer to attach the wheels firmly in place.

2.2 Fitting supporting feet – Mount the two rubber feet using the bolts and washers provided.

2.3 Fitting the handle – Screw the holder into threaded holes on either side of the handle and then secure the holder with the nuts.

2.4 Power – plug into the mains 230V check that this is indeed the voltage before plugging in. Long supply cables and extensions can cause a drop in voltage and cause sluggish or impeded motor start up. At temperatures below +5°C sluggishness may make starting difficult or impossible

To turn on push the switch to the on position I, to switch off press the button to the off position 0.

2.5 Set the pressure – Adjust the pressure on the pressure gauge using the pressure regulator, you can take the pressure from the quick lock coupling.

2.6 Pressure Switch –Set in the factory Cut-in pressure approx. 8 bar and cut-out pressure approx. 10 bar.

Maintenance, storing, cleaning and transporting

pull out plug before performing any cleaning or maintenance work.

Wait for the equipment to cool down before any work to avoid burns.

Always depressurize the equipment before carrying out cleaning or maintenance.

1 Cleaning

1.1 The equipment must be kept as free of dirt and dust as possible.

1.2 It is recommended that the equipment is cleaned immediately after you use it.

1.3 Do not clean the compressor with water, solvents or the like.

2 Maintenance work

2.1 After using the product release the vessel pressure.

2.2 After using the product drain off the condensed water via the drain valve.

2.3 Turn the drain screw counter clockwise to open and clockwise to close.

2.4 Check the container for rust or damage, if you find any issues please contact supplier.

LUMBERJACK GUARANTEE

1. Guarantee

1.1 Lumberjack guarantees that for a period of 12 months from the date of purchase the components of qualifying products (see clauses 1.2.1 to 1.2.8) will be free from defects caused by faulty construction or manufacture

1.2 During this period, Lumberjack, will repair or replace free of charge any parts which are proved to be faulty in accordance with paragraph 1.1 providing that:

1.2.1 You follow the claims procedure set out in clause 2.

1.2.2 Lumberjack and its Authorised Dealers are given reasonable opportunity after receiving notice of the claim to examine the product.

1.2.3 If asked to do so by Lumberjack or its Authorised Dealer, you return the product at your own cost to Lumberjack's or the supplying Authorised Dealer's Premises -

For the examination to take place clearly stating the Returns Material Authorisation Number given.

1.2.4 The fault in question is not caused by industrial use, accidental damage, fair wear and tear, wilful damage, neglect, incorrect electrical connection, misuse, alteration or repair of the product without approval.

1.2.5 The product has been used in a domestic environment only.

1.2.6 The fault does not relate to consumable items such as blades, bearings, drive belts or other wearing parts which can reasonably be expected to wear at different rates depending on usage.

1.2.7 The product has not been used for hire purposes.

1.2.8 The product has been purchased by you, as the guarantee is not transferable from a private sale.

LUMBERJACK GUARANTEE

2. Claims Procedure

2.1 In the first instance please contact the Authorised Dealer who supplied the product to you. In our experience many initial problems with machines that are thought to be fault due to faulty parts are actually solved by correct setting up or adjustment of the machine. A good Authorised Dealer should be able to resolve the majority of these issues much more quickly than processing a claim under the guarantee. If a return is requested by the Authorised Dealer or Lumberjack, you will be provided with a Returns Material Authorisation Number which must be clearly stated on the returned package, and any accompanying correspondence. Failure to provide a Returns Material Authorisation Number may result in item being refused delivery.

2.2 Any issues with the product resulting in a potential claim under the guarantee must be reported to the Authorised Dealer from which it was purchased within 48 hours of receipt.

2.3 If the authorised Dealer who supplied the product to you has been unable to satisfy your query, any claims made under this guarantee should be made directly to Lumberjack. The claim itself should be made in a letter setting out the date and place of purchase, giving a brief explanation of the problem which has led to the claim.

2.4 Please note that it is essential that the letter of claim reaches Lumberjack on the last day of this guarantee at the latest. Late claims will not be considered.

3. Limitation of Liability.

3.1 We only supply products for domestic and private use. You agree not to use the product for any commercial, business or resale purposes and we have no liability to you for any loss of profit, loss of business, business interruption or loss of business opportunity.

3.2 This guarantee does not confer any rights other than these expressly set out above and does not cover any claims for consequential loss or damage. This guarantee is offered as an extra benefit and does not affect your statutory rights as a consumer.

4. Notice

This guarantee applies to all product purchased from an Authorised Dealer of Lumberjack within the United Kingdom. Terms of guarantee may vary in other countries.

DECLARATION OF CONFORMITY



EC – Declaration of Conformity according to;

Machinery Directive 2006/42/EC

Restriction of Hazardous Substances Directive 2011 / 65 / EU

Electromagnetic Compatibility Directive 2014/30/EU

We, **Toolsave Limited**, located at **Unit C, Manders Ind. Est., Old Heath Road, Wolverhampton, WV1 2RP, United Kingdom**, declare in exclusive responsibility that the **compressor AIR50L** meets the essential health and safety requirements of the above-mentioned directives.

To ensure presumption of conformity, the product has been assessed for compliance with the following directives and standards either in part or in full.

Directive	Requirements and / or Standards applied
Machinery Directive 2006/42/EC	EN 61029-1:2009+A11:2010 EN 61029-2-1A:2012+A11:2013
RoHS 2 Directive 2011 /65 / EU	Directive 2011/65/EU
Electromagnetic Compatibility Directive 2014/30/EU	EN 55014-1:2006/A2:2011 EN 55014-2:1997/A2:2008 EN 61000-3-2:2014 EN 61000-3-11:2000

TCF reference no. : AIR50L

Name: Bill Evans

Title: Company Director

Signature:

15/05/2024



Parts List

1	cylinder head
2	air filter
3	elbow
4	quick coupler
5	Y connector
6	regulator valve
7	elbow
8	Iron ring (PR065)
9	Φ10.5 pipe
10	Φ8.8-11.3 clamp
11	bottom of cover
12	M8*45 bolt
13	Flat gasket Φ8*Φ17*2.5
14	wheel
15	3C*1.0mm ² *2.62m wire
	250 terminal
	250 terminal protector
	Φ4.2 terminal
	Φ5 pipe
16	M8 screw
17	M8 screw
18	drain
19	M8*35 bolt
20	Φ8*Φ24*2.0 Flat gasket
21	pad
22	tank
23	2C*1.0mm ² *0.42m wire
24	M4*8 screw
25	ST4.2*25 screw

26	ST3.5*12 screw
27	Φ6*Φ13 *2.0 flat gask
28	M6*15 screw
29	anti-vibration pad
30	M6*16 screw
31	Φ15 iron ring
32	Φ8*Φ14mm pipe
33	Φ12.8-15.3 clamp
34	single valve
35	M6*25 screw
36	ZG1/4 pressure switch
37	connector
38	safety valve
39	handle
40	Φ20 handle sleeve
41	left cover
42	pressure switch
43	EZ-2050E-1 above cover
44	EZ-2050E-1 right cover
45	Φ40 ZG1/8 gauge
46	4*150 cable ties
47	CE-2 terminal
48	ST4.2*12 screw
49	cable clip
50	EMC circuit board

Parts Diagram

