



For guidance on managing construction health risks go to

www.hse.gov.uk/construction



230 VOLT MACHINES (SQUARE PIN OR BLUE PLUG) (continued)

- Use the "TEST" button to check that the rcd is working each time you use it. Reset the rcd according to the instructions supplied with it.
- If you need an extension 16 cable, follow any special instructions given by the hire company. If the hire company have not given
 - you should only use a suitably rated heavy duty one, not longer than 50 metres (160
- Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.

feet). Plug it directly into the rcd.

Make sure that any extension cable connections are dry and safe.

USING THE COMPRESSOR

- Wear your protective equipment, including ear defenders and goggles.
- Check that any air lubrication container is topped up with the recommended oil.
- When you have set up the compressor, switch on and check that everything operates properly.

- Ensure there are no apparent air leaks
- At intervals, while working, stop and check for air leaks or other possible faults. Check the oil level in the container at the same time.
- Stop work if someone approaches you.
- You must stop the compressor and release the air pressure before you disconnect any part of your equipment.
- If you think the cable may be cut or damaged in any way, switch off and remove the plug, before inspecting it. If the cable attached to the compressor is damaged, stop using the machine. Contact the hire company. If an extension cable has been damaged, do not use it again.
- Take care not to accidentally pull the plug from the socket.
- 10. Switch off, unplug, and release the air pressure before you leave the compressor unattended.
- 11. If your compressor does not work properly, do not attempt to repair it. Contact the hire company.

Please keep this leaflet safely as it may be required for future reference

















www.hae.org.uk

©Copyright Hire Association Europe April 2011

Any unauthorised reproduction – manually or electronically – is STRICTLY prohibited

(continued overleaf...)

cable of machine get damaged. brotect you against electric shock it the

rcd. This will help to your machine into the 230 volt socket. Plug plugged directly in to the Use a residual current device ("rcd")

(SQUARE PIN OR BLUE PLUG)

230 VOLT MACHINES connections are dry and safe.

4. Make sure that any extension cable conia carch life.

it. Unroll it fully or it will overheat and and places where vehicles might run over or windows where it might be trapped, avoiding liquids, snarp edges, doorways Lay the extension cable out carefully macnine.

cable between the transformer and the You must only use an extension cable, not longer than 50 metres (160 suitably rated heavy duty 100v extension instructions, you should only use a company have not given any special

the hire company. If the hire special instructions given by extension cable, follow any z it you need to use an

use any 230v extension cables. If you are using a portable transformer directly into the 230 volt socket. Do not

110 VOLT HEATERS (YELLOW PLUG)

Read the instructions below for your macrine. square pin plug fifted, or a blue industrial plug. fifted. 230v machines will have either a normal machines will have a yellow industrial plug Your machine will only operate on one voltage: it will be 110v or 230v. 110v Y134AS JADINIDALS

perore you switch it on, you must know 16. Check on how the compressor operates

pipe while the system is pressurised,

not use it in an unauthorised way or clean clothes or work areas. You must 13. Compressed air must not be used to

supplement or replace a ventilation form of breathing equipment or to 15. Do not use the compressor to supply any

fire. It will generate greater heat and 11. You must not blow it into any source of

nearing or cutting equipment that 10. Do not use compressed air in any flame

particles could be hazardous to health. from portable tools, the airborne dust 9. Do not use it to blow out dust and debris

penetrate the skin and cause injury. splinter in. at high pressure, it will 8. Do not blast air onto skin, it can blow

The hire





Electric Compressor

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

It is important to read all of this leaflet **BEFORE** you use the Compressor

1412 Safety Guidance

PORTABLE 110/230V

- Plan your work and think ahead to make sure you will always be working safely.
- Compressed air is hazardous and must be used carefully Never aim a jet of compressed air at anyone.
- Electricity is hazardous and must always be used with great
- This compressor is designed to produce and store air at its rated pressure to enable you to run various compressed air-powered tools.
- The action of this compressor can cause injury or damage if not used in a careful and
- If you have not used a compressor before, familiarise yourself with the equipment before you start work.
- You must have at least the following items of personal protective equipment: impact resistant goggles: EN166 - B or BS2092 grade 1: dust mask - a minimum of EN149 FFP3(s) protection; ear muffs or plugs giving protection for levels up to 86 dB(A); gloves rcd if using a 230 volt (mains) supply.
- This compressor must not be used by minors, or by anyone under the influence of drugs or alcohol.
- This compressor is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.















is accurate and not misleading. HAE/EHA cannot accept responsibility for any lt to have arisen from the use of any such document/material. Only Acts of Parliamen have the force of law and only the courts can authoritatively interpret the law.

44 (0) 121 380 4600

Do not obstruct or prevent safety devices

Compressed air can be hazardous, do

is topped up with the recommended oil.

ubrication container on your compressor

amount of oil-mist to prevent air tools

Usually, compressed air carries a minute

will nave either a normal square pin plug

designed to run directly from 230v mains

be heavier than you think. Machines

yourself when moving it about - it may

been supplied, take care not to injure

supply. If a portable transformer has

machine from a normal mains 230v

transformer it you need to power the

company will have provided a portable

industrial plug fitted are designed to run

Machines with a cylindrical yellow

matches your supply. Do not try to force

Check that the plug on your machine

compressor - contact the hire company.

tound damaged, do not use the

off a special 100v supply.

connections or improvise them.

titted, or a blue industrial plug.

мяке гис гияг яих

even through clothing.

Check the level regularly.

from working.

'11 əsnsım 10u

dn buizies

The Crescent Birmingham Business Park nuo sinegen uce

BAY 788 Iludilos



gauges, cables and plugs. If anything is 1. Check all your equipment, hoses,

COMPRESSOR

brotective equipment. also need to wear appropriate personal Anybody who is working near to you will combressor causes dust.

protection) if your work with the mask (with a minimum of EN149 FFP3(s) You will need to wear an appropriate dust

protection for this level as a minimum. ear muffs or plugs giving hearing levels up to 86 dB(A) - wear appropriate This compressor is likely to cause noise are working with this compressor.

(EN166 - B or BS2092 grade 1) when you You must wear impact resistant goggles

level of protection. or environments may require a higher you use this compressor. Particular jobs minimum that should be worn whenever brotective equipment (ppe) are the 1. The following items of personal

SHOTARISM

beoble to reduce the problem of noise. ground as rar as possible from other Site your compressor on firm level

partiers around your work area. danger. Warn others to keep away, put Protect other people from the noise and

or could distract you. and safe and that no-one is near to you Make sure that your work area is clear

fumes from petrol, or gas cylinders. is a danger of explosion. It will ignite Do not use the compressor where there

WORK AREA

beobje or animals. It can cause injury 7. Do not point a jet of compressed air at

release the pressure first.

15. Do not connect or disconnect any tool or

14. Do not use at a greater pressure than

without correct equipment.

system.

blow burning fragments around.

normally uses oxygen.







