

- 13 **DO NOT** lift or carry the equipment by its hoses or power cables.
- 14 **DO NOT** use hoses and extension cables other than those supplied.
- 15 Flammable paints and solvents should be stored in the open air. If this is not possible they should be stored in suitable metal cupboards or bins. Quantities in excess of 50 litres must be kept in a special storeroom.
- 16 **DO NOT** attempt repairs. Contact the Hire Company.

COMPRESSED AIR PAINT SPRAYERS

- 17 Always release the air pressure before changing spray nozzles when carrying out maintenance or cleaning and when disconnecting the hose.
- 18 **CHECK** that the air hose is not kinked before starting and during operation.

AIRLESS PAINT SPRAYERS

- 19 An atomised paint spray can penetrate the body due to the high pressure behind it (300 Bar, 4,400 psi). Seek **IMMEDIATE** attention from a doctor or hospital if this happens. Protective clothing will not stop penetration.
- 20 **DO NOT** spray inflammable solvents under pressure through the nozzle. Static electricity build-up could cause fire.
- 21 **DO NOT** place the hand in front of the nozzle of the gun or in front of any leaks, either in the gun, paint lines or connections.
- 22 In the event of a leak, switch off **IMMEDIATELY** and release the pressure.
- 23 **DO NOT** operate the gun without the nozzle guard fitted.
- 24 Always engage the trigger lock when changing work positions.
- 25 **CHECK** that the pressure hoses are not kinked or continually rubbing against sharp edges.
- 26 **DO NOT** leave the gun unattended without releasing the pressure and engaging the trigger lock.
- 27 **DO NOT** attempt to clear a blockage in the gun tip or carry out maintenance without releasing the pressure and consulting the manufacturer's instructions.
- 28 **DO NOT** flush the unit with a rag held over the gun tip and depressing the trigger.

THE ELECTRICAL SUPPLY

- 29** **CHECK** that the voltage of the supply is correct. The sprayer will be either 110 volts or 230 volts.
- 30** The use of low voltage equipment at 110V (CTE) will effectively eliminate the risk of death and greatly reduce the degree of injury from an electric fault.
- 31** **DO NOT** use domestic plugs and sockets on construction sites, they are not robust enough.
- 32** **When using a 230V sprayer, the risk of injury or death from electric shock is unacceptably high unless the following precautions are taken:**
- Use RCD power breakers at the supply socket to give protection for both the equipment and its power cable.
 - The RCD should be protected from dust, wet weather, mechanical damage and vibration.
 - Position power cables where they are less likely to be damaged.
 - The equipment cables and RCDs should be checked every day (or every shift) using the following as a guide:
 - CHECK** that bare wires are not visible
 - Make sure that cables are not damaged and free from cuts and abrasions (apart from light scuffing)
 - CHECK** that the plug is in good condition, the casing is free from cracks, the pins are not bent or the socket is not blocked with debris or dirt
 - ENSURE** that there are no taped or other non-standard joints in the cable
 - CHECK** that the cable covering has not been pulled out of the grips at the plug or equipment. (The coloured insulation of the internal wires should not be visible)
 - CHECK** the outer casing of the chasing machine for damage and **CHECK** for loose or missing parts or screws
 - Make sure that there are no overheating or burn marks on the plug, cable and equipment
 - CHECK** the operation of the RCD power breaker by operating the test button.

- 33 Sprayers using 110 volts should be checked weekly as in 32(d) above.
- 34 **CHECK** regularly that all ventilation grills or holes on motor housings are clear and free from dirt.
- 35 If the automatic cut-out operates, allow the motor to cool before re-starting.
- 36 **DO NOT** carry the sprayer with the finger on the operating trigger or button.
- 37 **DO NOT** carry the sprayer by its cable or disconnect a plug by pulling its cable.
- 38 Unplug from the power supply before making adjustments.