

1.2 - PARTICULAR RECOMMENDATIONS FOR THE OPERATOR

- 1 - The terms right, left, upper, lower, etc. used in this manual to locate the various machine components always refer to the correct position of the operator during work.
- 2 - Before he starts the machine, the operator must have carefully read this manual and have acquired deep knowledge about the technical specifications and machine controls.
- 3 - It is advisable for the operator to undergo a period of training on how to use the machine.
- 4 - Before installing the machine, make sure that the chosen installation site is compatible with its overall dimensions.
- 5 - When installing the machine or moving parts of it, only use lifting and handling means that suit the weight and shape of the part to lift/handle. Place the part on a support/surface that suits its characteristics as soon as possible.
- 6 - If the machine or any part of it must be lifted, clear the zone in which the operations take place and keep it clear. Also allow for a sufficient safety zone all around and ensure that there are no bystanders, animals or objects in the vicinity that could come into contact with the machine or with any of its parts, or obstruct the operations themselves.
- 7 - Warn all persons that may be in the vicinity of the machine or system before setting the actual machine or system at work.
- 8 - Always work in optimum lighting conditions. Inform the department head if the lighting is inadequate and make sure that the problem is resolved.
- 9 - Do not allow unauthorized persons to start, adjust, operate or repair the machine. Also refer to this manual for the necessary operations.
- 10 - The mechanical parts and electrical components inside the machine are protected by panels fully closed by screws, by safety microswitches or by circuit-breakers with interlocks.
- 11 - Before cleaning and/or servicing the machine and before removing any protection, **make sure that the main switch is in the "OFF" position** so that the machine is disconnected from the electric power supply during the actual operations.
- 12 - The electric power system must be equipped with an automatic release device prior to the main switch of the machine and a suitable earthing system that meets all the requisites established by the industrial accident-prevention standards.
- 13 - Always disconnect the line to which the main switch is connected from the electric power source if work must be carried out on the main switch itself.
- 14 - **All inspections and servicing operations for which the safety protections must be removed are carried out under the complete responsibility of the user. These operations must therefore only be carried out by specialized and authorized technical personnel.**
- 15 - Make sure that none of the accident-preventing safety devices (barriers, guards, casings, microswitches, etc.) have been tampered with and that they are all perfectly



functional before beginning work. Have any faulty equipment repaired.

16 - Never remove the safety devices.

17 - To prevent personal risks, only use electric power tools that are correctly connected to earth as established by the safety regulations in the country of use.

18 - Never tamper with the electrical system, ament to with the electrical and pneumatic systems or with any other mechanism.

19 - The work station must be free from all objects that are not strictly required for the machine operation and from all objects that could become caught up in the mechanisms of the machine.

20 - Never leave the system unattended whilst it is operating.

21 - Do not attempt to jump or climb over the machine whilst it is operating.

22 - Do not wear rings, wrist watches, jewellery or torn and loose clothing such as: ties, scarves, unbuttoned jackets or any other garment that could become caught up in moving parts.

23 - Never wear garments with wide sleeves during work, particularly during the cleaning operations.

24 - Always wear approved accident-preventing clothing such as: helmets, non-slip footwear, gloves, ear muffs and safety goggles when necessary.

25 - If operations or repairs are needed in positions that cannot be directly reached from the ground, use safe ladders or lifting means that comply with the international safety regulations.

26 - If repairs are carried out near or under the machine, make sure that:

- there are no moving parts that could start operating;
- any loose parts on the machine or in its vicinity have been secured by adequate means.

27 - Keep your hands and face well away from pipes and unions during leak and efficiency tests on the systems. Wear goggles with side guards.

28 - NEVER USE THE HANDS or other objects to stop moving parts.

29 - NEVER USE THE HANDS OR FINGERS to align holes.

30 - Never use pipes or controls as handgrips.

31 - Always take all the necessary precautions to ensure that all operations are carried out in safe conditions.

32 - WARNING: Never use matches, cigarette lighters or naked flames near the machine. Vapours could catch fire and cause serious damage to persons and property.

33 - Pay the greatest attention to the instructions on the safety decals on the machine whenever you work on it or in its vicinity.

34 - It is obligatory for the user to keep all the safety decals in a legible condition, cleaning them periodically or replacing them if necessary. New ones can be ordered from the Spares Service of **BROSIOMECCANICA s.r.l.**

