

LUBRAX DEGASER

– **DEGASING SYSTEM** –
– **Salt and Nitrogen insufflation** –



The degassing plant is used in the foundry to eliminate the gases and impurities in the aluminum. The cycle starts with the descent of the graphite lance in the oven and with nitrogen inflation, while the lance starts the rotation through the pneumatic motor with adjustable speed, after 10 seconds (possibility to vary this time) the auger starts to dose the purifying salt that is sprayed on the bathroom with a puff of nitrogen. At the end of the cycle, the lid that is cooled with compressed air returns to the starting position. The cycle time: rotation, nitrogen inflation and quantity of salt are set on the machine panel, by means of 2 timers. The red button for immediate interruption of the cycle in case of emergency is also present.

CERTIFICATE OF QUALITY

The degassing plant is tested in our headquarters, involves a test of 8 consecutive hours of nitrogen insufflation rising distribution of purifying salt. Our technicians check the electrical / mechanical part.

Therefore, on successful completion, the machine is packaged for shipment with the test report attached, completed by our technicians.

DIRECTIONS OF USE

- 1) Insert the plug into the electrical panel (380 volts);
- 2) Place the stainless steel splash guard in the upper part of the lance, then carefully tighten. Hold the hub with a key;
- 3) Heat the graphite lance with an open flame for 10 minutes and paint with protective paint;
- 4) Open the nitrogen and adjust the outlet with the flow meter (10/15 liters / minute);
- 5) Set the degassing time on the timer.
We recommend 2–5 minutes max. depending on the type of alloy and the quantity to be treated;
- 6) Set the time for inflation to increase: 5 seconds = 100 grams of salt;
- 7) Place the ladle in the center. It is advisable to carry out a stop or a colored V-shaped strip on the floor to center the right position in a short time each time;
- 8) Press the "cycle start" button, the lid will slowly descend until it closes on the ladle, with the nitrogen insufflation and the start of the rotation of the graphite lance, immediately the purifying salt will be sprayed onto the surface of the bath;
- 9) After the degassing time has been completed, the lid will start the ascent immediately interrupting the rotation of the graphite lance and closing the nitrogen valve, stopping at the end of the stroke;
- 10) In case of danger or immediate stop, press the red "stop" button;
- 11) Every 30 days we recommend lubricating the chain and greasing the nitrogen insufflation hub.

*The values shown are indicative and should not be considered as guaranteed specifications.
The product is subject to technical changes due to improvements.*

EQUIPMENT TECHNICAL DATA SHEET

TECHNICAL CHARACTERISTICS

Power supply: 380 volts (For up and down movement)
Frequency: 50 Hz
Compressed air (For lance rotation and cover cooling).
Motor Pneumatic with adjustable speed max 520 rpm.

DIMENSION

Total machine weight kg.280



Version with tilting stainless steel lid for adaption to the ladle



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