

VACUUM TUMBLER WEBER 1500 cool, complete refurbished

Electric part:

1. General overview of the machine. Tests and starting with original control unit.
2. Correction of the casing and exchange of the control unit for the new one MIKSTER MCM 023.
3. Making the new control unit, partially made from the existing elements that have been checked
4. Exchange and connecting the cooling aggregate and correction of its cooling circuits.
5. Programming and tests of the machine.
6. Exchange of the frequency inverter for the new one ATV 31. Frequency inverter has been programmed in accordance with the drive.
7. Tests of the tumbler (cycle with cooling – start +15°C, after 90 minutes there was -5°C)

Mechanical part:

1. Complete de-installation and re-installation of the machine, washing, cleaning, checking all the components, casings etc.
2. Sand-treating, polishing casings and other elements of the machine, rectification of some elements
3. Complete repair of the tumblers drive gear (cleaning, painting, changing all bearings and sealings) The gear was completely blocked and really damaged. It was impossible to start it during tests.
4. Changing the bearings on the supporting rolls.
5. Making new rotating connection of the cooling system (machining, nickeling, chroming)
6. Changing the sealings of the rotating connection (2 pcs.)
7. Changing all the air hoses and hoses for glycol
8. Filling the cooling system with glycol
9. Complete repair of the vacuum pump (cleaning, painting, changing filters, bearings, oil)
10. Changing the manometer for the new one
11. Changing the cover (plexiglass) of the viewer in the vacuum pump protecting container
12. Making new vacuum sucker
13. Changing the bearings in the engine transmission, repair of the brake