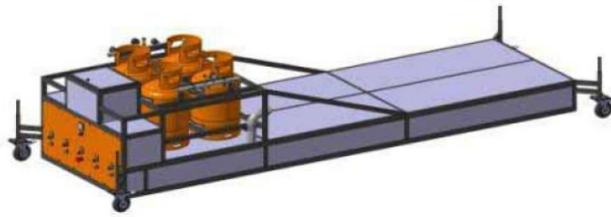


Road repair equipment ARES 5



Operating principle of the road repairing equipment ARES 5

The radiant panel is composed out of four MFB 10 PremiXengine burners. These are fueled by four propane tanks, each weighing 11 kg. The ignition is electric, and the combustion is held under control by controllers and electroventiles. The system functions power from a battery with a transformer of 12V/220V or powered from a 220V generator.

Application range for the road repairing equipment ARES 5

Having a radiant panel with a long surface and a proper width which is destined, especially, for thermal profiling for these repairs, for utility grooves (gas, water, plumbing, electricity and internet), but it can also be used for other kind of defects: potholes, creases, longitudinal tuts, longitudinal cracks.

Advantages of using the road repair equipment ARES 5

- Judicious heating only of the perimeter area to the defect by individually starting up only the necessary burners
- Thermostating
- Thermal isolation
- Safety in exploitation by keeping under control the burning (preventilation, electronic ignition, ionization sensor for lack of flame, postventilation)
- Possibility of setting the intensity regarding the external temperature, the heating depth and the degree of ageing of the bitumen in the asphalt;
- Hygienic combustion (reduced NOx emissions)
-

Main technical characteristics

Radiant panel dimensions	3164 x 945 mm
Radiation surface	2, 98 m ²
LPG storage capacity	4 x 11 = 44 kg; 87. 3 liters
Installed radiant panel power	200 kW
Estimated fuel consumption for the radiant panel	14, 4 kg/h