

APS 005 Automatic unit for mud removal for the maintenance of the thermal plants

Technical description

Mobile machine for sludge removal assisted by solenoid system and dirt appliance unit inside, complete with circular pump, automatic sludge discharge operated by differential pressure sensors, automatic loading and providing, control panel with electronic cards and LCD display, loading and unloading tap boiler, shut-off valves input and output. Usb port for unloading of functional report, GSM kit and remote connectivity.

The machine fully assembled and wired: it's hidraulically and electrically tested.

Applications

Sludge removal and cleasing central heating and radiant system used in maintenace plant and upgrading energy.



Plus

PIN code protection machine
Adjusting operating times
Diameters expected : 1"-1 1/4"- 1 1/2"
Circular pump with high prevalence
Different pressure setttable by the user
Funcional finally report reasble trough usb port

Completion kit

Diameters expected: 1"-1 1/4"- 1 1/2"
Meters for accounting water used
Meters for accounting water dealt
Manual calibration valves for primary circuit
GSM kit for remote connectivity



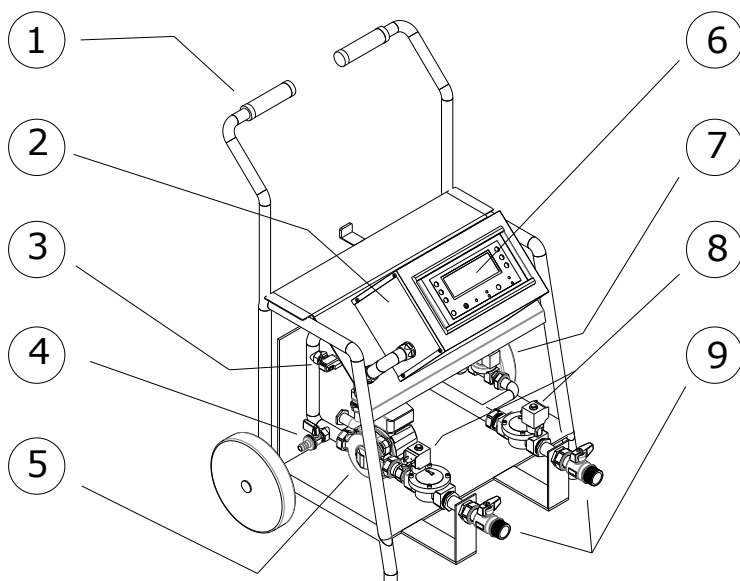
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Produzione e laboratorio

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Description main components installed



- 1- Metal frame painted
- 2- Electrical components box
- 3- Differential pressure sensor
- 4- Loading and unloading tap boiler
- 5- Circular pump to three speeds
- 6- Control panel
- 7- Automatic loading group
- 8- Solenoid system for primary circuit
- 9- shut-off valves for primary circuit

Operation logic

The item APS005 connected to any central heating, makes cleaning sludge and slags in the plant.

It is employed after or during treatment with specific product wich allow the dissolution of impurities.

The system, settable by the operator, allow the automatic management of timing and operation function, and closing and opening solenoid valves present in the circuit. It is possible dowload the mud and load the circuit of the product, without affecting the normal operation of the main function on or off.

Dimensional values and block

