



Straßmayr

Cracksealing machine with the boiler **STRASSMAYR RWK 600/500 Frame** ready for assembly on the platform



The device is designed for special preparation and dispensing of sealants and filling joints

Base construction

- unit assembled on a frame
allowing installation on platform of a small truck, or trailer

Main engine

- main engine KUBOTA D 1105,
fulfilling exhaust emission regulation EPA Tier 4
vertical 3-cylinder liquid cooled Diesel
engine power 18,5 kW (25 PS)
engine radiator with fan
hydraulic pump driving all the functions
hydraulic oil tank with filter and temperature/oil level indicator

Boiler

- horizontal mixer with hydraulic drive
providing best temperature equalization in whole capacity of boiler
providing best mixing of the sealing material
allowing filling up the material during operation
possibility of reverse in case of need
- initial grill placed above the mixer
with thermal oil in the temperature of about 260 deg C flowing inside
allowing preheating of blocks of material prepared to be added to the boiler
hard mass blocks are placed on the initial grid, where they are preheated and melted
allowing quick start of operation with smaller amount of material preheated
- effective amount of the material prepared about 500 l.



Oil heating system

- automatically controlled heating system with RIELLO Diesel burner
heating pipe heated by heating oil burner (heating the thermal oil)
heating pipe is located between the walls of the boiler
protects against overheating of the material heated
- thermal oil heated furnace
the mass is heated over the entire surface of the walls of the boiler
capacity between the walls of the thermal oil boiler 200 liters
- pump for distribution of thermal oil with hydraulic drive
- system of three thermostats
one for thermal oil temperature adjustment
one for material temperature adjustment
one for security of the whole system

Crack filling set

- material pump for delivery of sealing material with hydraulic drive
type of material pump Steimel
material pump placed inside the boiler
easy and trouble-free system of dismantling of material pump set
- set for filling cracks
manual lance for delivery of the material to the spot
lance equipped with manual valve for opening and closing of material flow
valve with manual regulation of efficiency of material delivery
special hose with a length of 4 m.
- compressor with a capacity of 80l/min.
with hydraulic drive
pressed air tank with capacity of 20 liters
thread connection for connection of special hose when cleaning the pouring set
allowing easy and quick cleaning of special hose and manual delivery lance

Tank for fuel (diesel)

- tank capacity 60 l.

Additional equipment

Installation of edge sprinkling

- spraying ramp with 3 nozzles, max spray-width of 120 mm.
ability to enable the individual nozzles
manual adjustment of pressure in the beam spray
spraying ramp heated with thermal oil.
spraying ramp with manual slope adjustment

System of additional heating of special hose

- 24 V electric system of heating of special hose
dedicated generator with hydraulic drive
allowing heating of special hose up to temperature of 180 deg. C