

## EMULSION SPRAYER STRASSMAYR MOBILE

self-propelled manual operation



**Strassmayr TS Mobile emulsion sprayer is designed for effective spraying of bitumen emulsions on medium to large surfaces.** The units are assembled on three wheel (S 25) or four wheel (S 30) chassis, with additional rollbar for safety. Equipment ensures comfortable and easy control of all machine functions thanks to its well thought out design. Operator's place ensure high visibility for the spraying process.

Models available in TS Mobile line:

Model	S 25	S 30
Capacity of emulsion	950 l	1 200 l

### Main engine (S 25)

KOHLER KDW1003  
fulfilling exhaust emission regulation:  
EPA Tier 4 final and EU Stage V  
In-line 3-cylinder liquid cooled Diesel  
engine power 18 kW  
engine radiator with fan

hydraulic pump driving all the functions  
hydraulic oil tank with filter and temperature/oil  
level indicator

### Main engine (S 30)

HATZ 3H50TICD  
fulfilling exhaust emission regulation EPA Tier 4 final  
vertical 3-cylinder liquid cooled Diesel  
engine power 42 kW (57 PS)  
engine radiator with fan

hydraulic pump driving all the functions  
driving all the functions  
hydraulic oil tank with filter and temperature/oil  
level indicator

### Drive

hydraulic, allowing to work in range of 0-9 km/h  
cruise control for setting constant speed

### Engine compartment

made of steel structure,  
placed in the front of the unit  
including engine with radiator,  
hydraulic installation driving all the functions  
compressor with efficiency of 80 l/min  
with belt drive

### Emulsion tank

steel structure, insulated with rockwool  
emulsion tank filling indicator at the side of a tank  
gravity release in case of emergency  
spraying lance with the hose of 5,0 m length

### Emulsion installation

emulsion pump VARISCO  
with the efficiency of 180 l/min  
with hydraulic drive  
optionally with filter and pump coat heating system

### Emulsion spraying bar type MSB 2000/250

One piece spray bar, total width of the spraying bar  
2 000 mm, nozzle distance 250 mm  
manual regulation of the spraying bar height  
special rubber cover of spraying bar

## **Emulsion heating installation**

automatic heating installation of emulsion  
with gas burner, automatic burner start  
required temperature of emulsion is reached and  
maintained automatically by electronic controller

## **Cleaning installation**

Manual two step cleaning system for emulsion  
installation:

1. pre-compressed air insufflation
  2. rinsing with cleaning liquid
- operated with manual valves

## **Strassmayr App**

system with GPS and GSM which allows to collect information about performed work  
system recognizes the location of the machine and saves it on the server  
system alerting the customer, distributor and manufacturer when the service deadline is approaching with a list  
of needed spare parts and the scope of service work

## **Operator panel**

assembled in front of the driver  
allows switching on and off all main functions  
through joysticks and buttons  
manual pressure control with digital indicator and  
potentiometer  
switching nozzles on/off by joysticks  
precise GPS speedometer with 0.1 km/h accuracy

## **Additional equipment**

### **Additional coat heating for emulsion pump and emulsion filter**

- with special heat exchanger  
allowing quick start and no risk of solidification of emulsion in the emulsion pump  
additional reduction of daily emulsion heating costs

### **Emulsion spraying bar MSB 3000/250**

- total width of the spraying bar 3 000 mm, transport width 2 000 mm  
triple spraying bar, with two extensions to be opened manually  
manual regulation of the spraying bar height, distance between nozzles of 250 mm

### **Computer control of spraying process**

- automatic computer control of spraying process,  
constant quantity of kg/m<sup>2</sup>, not depending on the speed of spraying  
main functions operated through SIEMENS touch screen panel