

## EMULSION SPRAYER STRASSMAYR RTS COMPACT

assembled on 2 axle trailer  
manual operation



**Straßmayr RTS Compact emulsion sprayer is designed for effective spraying of bitumen emulsions on medium to large surfaces.** The unit is installed on a homologated 2 axle trailer, allowing easy connection to a towing vehicle or leaving it on jobsite as a service tank. Compact equipment ensures comfortable and easy control of all machine functions thanks to its well thought out design.

Models available in RTS Compact line:

Model	RTS 2500 Compact	RTS 5000 Compact
Capacity of emulsion	2500 l	5000 l

### Construction and undercarriage

two axle chassis with brake system and road light system  
pneumatic brake system KNOTT,  
with ABS by one axle  
all necessary connections to the truck  
straight drawbar with hook  
European homologation allowing registration

### Main engine

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

### Emulsion heating installation

automatic heating installation of emulsion  
with RIELLO diesel burner  
required temperature of emulsion is reached and maintained automatically

### Engine compartment

made of steel structure, placed in the front of the unit

including engine with radiator, hydraulic installation driving all the functions, emulsion pump, emulsion filter, RIELLO burner

### Emulsion tank

Round steel structure,  
insulated with 100 mm of rockwool  
covered with aluminum cladding

emulsion tank filling indicator at the side of a tank  
emulsion output connection with fire tip  
gravity release in case of emergency  
ladder allowing entrance on the emulsion tank structure  
spraying lance with the hose of 5,0 m length

### Emulsion installation

emulsion pump Sivag  
with the efficiency of 420 l/min  
with hydraulic drive  
Optionally with filter and pump coat heating system

### **Cleaning installation**

Manual two step cleaning system for emulsion installation:

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

operated with manual valves

### **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

### **Operator panel**

assembled in the truck driver's cabin

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

### **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

## **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

### **Emulsion spraying bar MSB 4000/250**

- total width of the spraying bar 4 000 mm, transport width 2 500 mm  
triple spraying bar, with two extensions to be opened manually  
manual regulation of the spraying bar height, distance between nozzles of 250 mm