

## EMULSION SPRAYER STRASSMAYR TS SILVER

ready for assembly on the truck  
with computer operation system



**Strassmayr Silver emulsion sprayers are created for evenly and effective spraying the roads with emulsion.** Equipped with special elliptic tank covered by aluminum, automatic computer control of spraying and manual valves for emulsion circuit, ensures highest quality of spraying for reasonable price. Computer control ensures the maintaining of constant pressure of sprinkling emulsion even by changing speed or spraying width.

Models available in Silver line:

Model	TS 4 000 Silver	TS 6 000 Silver	TS 8 000 Silver
Capacity of emulsion	4 000 l	6 000 l	8 000 l

### 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  
hydraulic oil tank with filter  
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  
thermostat for adjusting required temperature

### Engine compartment

made of steel structure, placed in the rear of the  
unit, equipped with two independent shutters to be  
operated manually

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

### Emulsion tank

steel structure, painted, insulated with 100 mm of  
rockwool, aluminum covered

elliptic profile of the emulsion tank for lowering the  
center of gravity

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

### **Emulsion installation**

emulsion pump SIVAG  
with the efficiency of 420 l/min  
with hydraulic drive  
with coat heating system

all valve's functions operated manually  
initiation and switch of functions carried out manually  
by operator in engine compartment  
emulsion filter with coat heating system  
special drawer protecting against stains

spraying lance with the hose of 5,0 m length

### **Operator panel**

assembled in the truck driver's cabin  
allowing switching on and off all main functions  
controlling the main spraying parameters by Siemens  
touchscreen  
switching on and off single nozzles by joysticks

### **Emulsion spraying bar spraying bar type HSB 4000/250**

Smooth and step-less hydraulic regulation of working width in the range of 2 500 – 4 000 mm  
total width of the spraying bar 4 000 mm, transport width 2 500 mm

triple-piece spray bar with two extensions to be opened with hydraulic drive  
hydraulic regulation of the spraying bar height

distance between nozzles of 250 mm  
ensuring: single coverage by use of 60 degree nozzles or double coverage by use of 90 degree nozzles

special rubber cover of spraying bar  
pneumatic cylinders opening and closing single nozzles  
opening and closing of nozzles operated manually by switching joystick at operator panel  
all functions of spray bar including width regulation are to be carried out at operator panel  
single nozzles of with easy and trouble-free exchange system

### **Strassmayr App**

system based on 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 required spare parts and the scope of service work

### **Cleaning installation**

manual two step cleaning system for emulsion  
installation:  
1. pre-compressed air insufflation  
2. rinsing with cleaning liquid

### **Computer control**

automatic, computer controlled installation of  
spraying process

computer control ensures the maintaining of  
constant pressure of spraying emulsion, even by  
changing speed or sprinkling width

## Additional equipment

### **2 rear cameras with monitor**

assembled at rear side of the machine  
with monitor mounted in the drivers cabin  
with all necessary connections  
allowing control of edge of sprayed surface

### **Additional system of “night heating”**

two stage oil burner RIELLO RG2  
automatic heating system based on one burner

### **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

### **Additional heating for the spraying bar**

with special heat exchanger  
no risk of solidification of emulsion in the spraying bar

### **Additional water bin, integrated with the cover of emulsion bin**

capacity of water bin 2 000 liters  
water tank made of steel, integrated with the body of the emulsion tank  
mechanical indication of water level in the tank; electric water pump

### **Emulsion spraying bar HSB 4000/125**

with step-less smooth hydraulic regulation of working width in the range 2500–4000 mm.  
total width of the spraying bar 4 000 mm, transport width 2 500 mm  
triple spraying bar, with two extensions to be opened with hydraulic drive  
hydraulic regulation of the spraying bar height  
distance between nozzles of 125 mm (securing double coverage)  
special rubber cover of spraying bar

### **Emulsion spraying bar HSB 5000/125**

with step-less hydraulic regulation of working width  
total width of the spraying bar 5 000 mm, transport width 2 500 mm  
triple spraying bar, with two extensions to be opened with hydraulic drive  
hydraulic regulation of the spraying bar height, distance between nozzles of 125 mm

### **Additional horizontal spray bar swift**

range of adjustment up to 30 cm. in both directions (left & right)  
especially useful by spraying the bend of road; ready for assembly by each type of spray bar

### **Cleaning brush Strassmayr SW 2000**

cleaning drum 2300 mm width  
hydraulic motor driving the unit (PTO drive by truck required)  
street lamps with necessary connections  
mounting frame (requiring EU front plate by truck)  
smooth regulation of cleaning brush height  
smooth regulation of cleaning brush yaw angle  
operator panel; connected with the unit by electric cable, to be placed in the drivers cabin of the truck  
allows operation of all main functions of cleaning brush

### **PTO drive system for the sweeper SW 2300**

hydraulic pump with required connections, operation from the truck cabin

### **Electronic system “E-service”**

based on internet connection, using SIM card of a customer  
allowing immediate interference in the computer system in case of problem  
quick check of parameters and possible mistakes  
operated by specialist of Strassmayr

### **Set of legs with frame**

storage system for sprayer, to be used when empty