

EMULSION SPRAYER STRASSMAYR TS COMPACT +

ready for assembly on a small truck carrier or pick-up
with computer operation system



TS 1500 and TS 2500



TS 5000

Straßmayr Compact + emulsion sprayer is designed for quality spraying of bitumen emulsions on medium to large surfaces. Compact + equipment ensures comfortable and easy control of all machine functions. Speed addicted spraying makes each spraying job quick, precise and easy. Operator has control of machine functions through the touch panel in the truck cabin.

Models available in Compact + line:

Model	TS 1500 Compact +	TS 2500 Compact +	TS 5000 Compact +
Capacity of emulsion	1500 l	2500 l	5000 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 and temperature/oil
level indicator

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

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 installation

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

initiation and switch of functions carried out at the
operator panel

spraying lance with the hose of 5,0 m length

Cleaning installation

Manual two step cleaning system for emulsion
installation:

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

Operator panel

assembled in the truck driver's cabin
allows switching on and off all main functions through SIEMENS touch screen

Emulsion spraying bar type MSB 2000/250 (Standard by TS 1500 Compact+ and 2500 Compact+)

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 spraying bar type MSB 4000/250 (Standard by TS 5000 Compact+)

triple-piece spraying bar with two extensions to be opened manually, total width of the spraying bar 4 000 mm, transport width 2 500 mm, nozzle distance 250 mm
manual regulation of the spraying bar height
special rubber cover of spraying bar
single nozzles of with easy and trouble-free exchange system

Computer control

computer controlled installation of spraying process
computer control ensures the maintaining of constant pressure of spraying emulsion, even by changing speed
operation of all the functions is controlled by the computer (Siemens) with touch screen panel
computer program ensures additionally: counting of the sprayed surface, counting of the job distance, digital indicators show: set-up quantity of spraying in kg/m², working width, working speed (will be used also as a speedometer by slow drive)
instantaneous pressure of spraying

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 (optional for TS 1500 and TS 2500)

- 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