



**Straßmayr**

**Professional machines  
for quality technologies.**

[www.strassmayr.com](http://www.strassmayr.com)

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# WE EXIST SINCE 1938

The Strassmayr brand history has begun in Austria more than 70 years ago, in 1938, in a small town of Adlwang. Initially the company was engaged in metal treatment. Thanks to the Strassmayr family determination as well as to the emerging opportunities of the company development, in late 1965 – early 1966 the company produced the first bitumen spraying machine, driven by an industrial tractor. This event was a new chapter in the Strassmayr company history. Since that time, the key company's activity has been the manufacturing of road building and repairing machines.

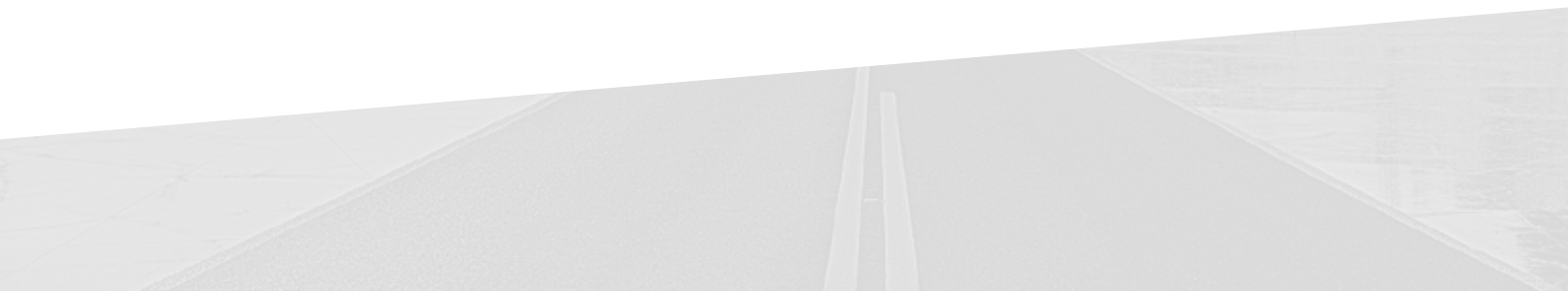
# ADVANCED INNOVATION AND HIGH-QUALITY CONSTRUCTION.

From very beginning of the company, the key goal was the constant development of technology. Due to the dynamic operation of the Design Department, the company annually implements innovative technologies and changes, ensuring its leading position in the industry. The typical orange road machinery has become an integral part of the European and international road projects' landscapes.

Nowadays the Strassmayr brand is associated with a high-quality machinery and professional service provided by trained engineers. Quality-oriented approach is confirmed by numerous certificates and awards granted to the company. The customers appreciate the innovative products, prompt deliveries and reliability of the machines.

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# WORLDWIDE SALES AND SERVICE NETWORK

During the past years the Strassmayr has been systematically developing the network of authorized dealers – not only in Europe, but all over the world. In order to reach each customer and to provide the customers with effective and professional service, the company has carefully chosen their partners for worldwide cooperation. To this day Strassmayr company has found 53 representatives on 5 continents and promises to keep expanding.



# EMULSION SPRAYERS

**SMALL**

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**SELF-PROPELLED**

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**BUILT ON A TRAILER**

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**BUILT ON A FRAME**

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# STRASSMAYR A

A 500 | A 900

A 500 frame | A 900 frame



The Strassmayr A500 emulsion sprinkler is designed to spray small surfaces without the need to transport and heat large emulsion tanks. The operator can quickly and precisely cover even large areas by the use of a lance fitted with a cone nozzle. The gas heating system of the tank can be optionally equipped with an electronic thermostat, which automatically maintains the operation of the burner and keeps the emulsion always at the ideal working temperature range.

#### **ADVANTAGES OF THE SMALL EMULSION SPRAYER UNITS:**

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- Convenient design of the unit allows it to reach even the hard-to-reach places and enables it to be towed even with a passenger car
- Rigid and simple design of the unit, allowing quick and easy servicing
- Quick loading of material from any source thanks to the additional sucking-lance

#### **EMULSION SYSTEM:**

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- Emulsion tank with capacity of 0,5 m<sup>3</sup> and 0,9 m<sup>3</sup> depending on the version, insulated with hard mineral wool, heated by a gas burner (manual or automatic systems available)
- Emulsion level indicator
- Spraying lance made of lightweight steel composites
- Large working range thanks to a 5m lance hose
- Coat heated emulsion gear pump, allowing easy start-up at the beginning of the day
- Blow off cleaning system, maintaining the emulsion installation in a clean, ready-to-use condition

#### **MAIN ENGINE:**

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- Hatz 1B30 engine with optional electric starter
- 1-cylinder, air cooled diesel, 3.6kW (5 hp)
- Fulfilling EPA Tier 4 Interim exhaust emission regulations
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

#### **ADDITIONAL EQUIPMENT:**

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- Automatic hose retractor allowing easy adjustment of the delivery hose length
- Electrical starter for the main engine
- Electronic control of the gas heater with a temperature controller, automatically maintaining the temperature of emulsion

# STRASSMAYR S

S 25 | S 30





Strassmayr S25 and S30 self-propelled sprayer units are designed to sprinkle small pavements, park alleys and roads up to 3 meters width. These middle-sized units are easily maintained by one operator that controls all of the functions of the machine from a convenient workplace behind the steering wheel.

#### **ADVANTAGES OF STRASSMAYR SELF-PROPELLED EMULSION SPRAYER:**

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- Emulsion is always applied with an ideal working temperature thanks to the electronic temperature control of the gas burner
- Possibility to quickly cover large areas with emulsion by the use of a spray bar
- Electronic selection of working nozzles, allowing to change the spray width from 250mm up to 3000mm
- Electronic speed and pressure readings allowing precise dosage of the emulsion

#### **EMULSION SYSTEM:**

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- S25: Tank capacity of 1 m<sup>3</sup>, insulated and heated by an atmospheric gas burner
- S30: Tank capacity of 1,2 m<sup>3</sup>, insulated and heated by an atmospheric gas burner
- Hydraulically driven emulsion pump, coat-heated by a heat exchanger system
- Spray lance with an emulsion feeding hose, allowing to quickly spray even hard-to-reach places
- Additional lance allowing filling of the tank from an external source of emulsion
- Electronic spray pressure, emulsion temperature and working speed indicators

#### **MAIN ENGINE:**

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- S25: Kubota D1105 engine
- Inline 3-cylinder, liquid cooled diesel, 18.5 kW (25 hp)
- S30: Kubota V1505 engine
- Inline 4-cylinder, liquid cooled diesel, 26.2 kW (35 hp)
- Both engines are fulfilling EPA Tier 4 Interim exhaust emission regulations and come together with an engine radiator and a fan
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator
- Mechanical cruise control in range of 0-9 km/h

#### **SELF-DRIVE AND HOMOLOGATION:**

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- S25: Two-axle, three-wheeled construction, including EU homologation
- S30: Two-axle, four-wheeled construction, including EU homologation
- Both models are self-propelled and equipped with road lights installation, allowing high visibility at any conditions.
- Thanks to the folded thill and ABS/ESP systems, the S30 can be safely towed by a truck to any jobsite

# STRASSMAYR RTS EF

RTS 2500 EF | RTS 5000 EF



The RTS EF series sprayers are built on one or two-axle chassis and are used to evenly spray the roads with emulsion or serve as a stationary tanks. These machines can work independently of the towing truck, tractor or a tip-car. Emulsion is kept in an isolated tank and automatically heated by a light oil burner controlled by a thermostat.

#### **ADVANTAGES OF A TOWED EMULSION SPRAYER:**

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- After the job, the RTS sprayers can be left on the job site and serve as a stationary emulsion tanks, while in the same time, the towing machines can be used for another tasks
- These machines provide even and effective sprinkling of surfaces up to 4 meters width by the use of a spray bar with 250mm nozzle distance

#### **EMULSION SYSTEM:**

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- Tank capacity of 2,5 m<sup>3</sup> and 5 m<sup>3</sup>, insulated and heated by a light oil burner
- Hydraulically driven emulsion pump, heated by a separate circuit with a heat exchanger
- Spray lance with an emulsion feeding hose, allowing to quickly spray even hard-to-reach places
- Additional lance, allowing filling of the tank from an external source of emulsion
- Electronic spray pressure, emulsion temperature and working speed indicators

#### **MAIN ENGINE:**

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- Main engine Kubota D902
- Inline 3-cylinder, liquid cooled diesel, 16.1 kW (22 hp)
- Fulfilling EPA Tier 4 Interim exhaust emission regulations
- Engine radiator with a fan
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

#### **TOWING AND HOMOLOGATION:**

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- Machines are built accordingly to the EU homologation and are equipped in ABS and ESP systems, ensuring safety during the transportation of the units with speeds up to 80 km/h. Lighting installation and all of the necessary air and electrical connections are prepared accordingly to the latest standards in automotive industry

# STRASSMAYR TS EF

TS 1500 EF | TS 2500 EF



Strassmayr TS EF series sprayers come in two tank sizes: 1,5 m<sup>3</sup> and 2,5 m<sup>3</sup>. Those middle-sized units are prepared to be mounted on small trucks. Easy operation allows to quickly and precisely cover large areas with emulsion. Emulsion is kept in an isolated tank and automatically heated by a light oil burner controlled by a thermostat.

## **ADVANTAGES OF AN EMULSION SPRAYER**

### **BUILT ON A FRAME:**

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- Quick transportation of emulsion to the jobsite
- Effective sprinkling of surfaces up to 3 meters width by the use of a manually operated spray bar with 250mm nozzle distance
- Switching single nozzles on and off is possible from the operator panel

### **EMULSION SYSTEM:**

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- Tank capacity of 1,5 m<sup>3</sup> and 2,5 m<sup>3</sup>, insulated and heated by a light oil burner
- Hydraulically driven emulsion pump, heated by a separate circuit with a heat exchanger
- Spray lance with an emulsion feeding hose, allowing to quickly spray even hard-to-reach places
- Additional lance, allowing filling of the tank from an external source of emulsion
- Blow-off system, ensuring easy cleaning of emulsion installation after finishing the job
- Electronic spray pressure, emulsion temperature and working speed indicators

### **MAIN ENGINE:**

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- Main engine Kubota D902
- Inline 3-cylinder, liquid cooled diesel, 16.1 kW (22 hp)
- Fulfilling EPA Tier 4 Interim exhaust emission regulations
- Engine radiator with a fan
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

# STRASSMAYR TS M

TS 4000 M | TS 6000 M



Strassmayr manual sprayers are prepared to be mounted on a truck chassis, with tank sizes from 4 m<sup>3</sup> up to 6 m<sup>3</sup> and are meant to achieve the same target: even, quick end effective spraying of asphalt emulsion. Automatic temperature control ensures the emulsion is kept always at the desired temperature range.

## **ADVANTAGES OF AN EMULSION SPRAYER**

### **BUILT ON A TRUCK:**

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- Quick transportation of large amounts of emulsion to the jobsite
- Effective sprinkling of surfaces up to 4 meters width by the use of a manually operated spray bar with 250mm nozzle distance
- Switching single nozzles on and off is possible from the operator panel

### **EMULSION SYSTEM:**

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- Tank capacity of 4 m<sup>3</sup> or 6 m<sup>3</sup>, insulated, heated by a light oil burner and controlled by a thermostat
- Hydraulically driven emulsion pump, heated by a separate circuit with a heat exchanger
- Spray lance with an emulsion feeding hose, allowing to quickly spray even hard-to-reach places
- Additional lance, allowing filling of the tank from an external source of emulsion
- Blow-off system, ensuring easy cleaning of emulsion installation after finishing the job
- Electronic spray pressure, emulsion temperature and working speed indicators

### **MAIN ENGINE:**

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- Main engine Kubota D902
- Inline 3-cylinder, liquid cooled diesel, 16.1 kW (22 hp)
- Fulfilling EPA Tier 4 Interim exhaust emission regulations
- Engine radiator with a fan
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

### **ADDITIONAL EQUIPMENT:**

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- Optional front spraying bar, hydraulically extendable, allowing to precisely spray the joints and shoulders at an angle
- Optional water tank installation with 2 m<sup>3</sup> capacity integrated in the construction, with hydraulically driven water pump, allowing quick filling of any external reservoir
- 2 rear cameras mounted above the spraying bar with monitor located in the driver's cabin, allowing to control the spraying - especially useful on the corners
- 900L Diesel pump station allowing to fill the external tanks or machines
- Optional front sweeping brush for road cleaning purposes, mounted on the front plate of the truck

# STRASSMAYR TS C VARIO

TS 4000 C Vario | TS 6000 C Vario | TS 8000 C Vario





Strassmayr TS C Vario sprayers are the most sophisticated machines from Strassmayr sprayers range. Their purpose is to spray the surface with the highest precision and effectiveness even by the largest jobs (up to 5m width). Thanks to the optimized computer program and a large touch screen covering all of the functions of the machine, the operator is able to control the unit directly from the driver's seat. Speed addicted spraying and fully automated cleaning installation will make each spraying job quick, precise and easy.

#### **ADVANTAGES OF A FULLY AUTOMATED EMULSION SPRAYER BUILT ON A TRUCK:**

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- Precise dosage of the emulsion amount in range from 0.1 to 3.0 kilograms/m<sup>2</sup>, thanks to the integrated computer constantly calculating the parameters of spraying depending on the truck speed
- 3 piece, hydraulically extendable and positioned spray bar with stepless working range from 2,5m to 4 m (optionally up to 5 m)
- 125mm nozzle distance, ensuring double coverage of the sprayed surface
- E-service system allowing to remotely check all computer systems by a qualified Strassmayr specialist 24/7

#### **EMULSION SYSTEM:**

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- Tank capacity range from 4 m<sup>3</sup> up to 14 m<sup>3</sup>, insulated, heated by a light oil burner and controlled by a thermostat
- Emulsion pump efficiency of 420l/min (with possibility to install emulsion pump with efficiency of 550l/min)
- Automatic valves installation, allowing to operate all functions of the unit through a touch screen, without the need to leave the driver's seat even for the cleaning process
- Easy start-up of the unit, thanks to the coat-heated emulsion pump and filter
- Spraying lance with 5m hose, used to spray in hard-to-reach places

#### **MAIN ENGINE:**

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- Main engine Kubota D902
- Inline 3-cylinder, liquid cooled diesel, 16.1 kW (22 hp)
- Fulfilling EPA Tier 4 Interim exhaust emission regulations
- Cooled by a radiator with a fan
- All engine functions operated from the operator panel inside the driver's cabin
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

#### **ADDITIONAL EQUIPMENT:**

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- Optional front spraying bar, hydraulically extendable, allowing to precisely spray the joints and shoulders at an angle
- Optional water tank installation with 2 m<sup>3</sup> capacity integrated in the construction, with hydraulically driven water pump, allowing quick filling of any external reservoir
- 2 rear cameras mounted above the spraying bar with monitor located in the driver's cabin, allowing to control the spraying range - especially useful on the corners
- 900L Diesel pump station allowing to fill the external tanks or machines
- Optional front sweeping brush for road cleaning purposes, mounted on the front of the truck
- Printer mounted in the cabin, allowing to print daily job reports

TYPE:	A500	A900	TS 1500 EF	TS 2500 EF	RTS 2500	RTS 5000	S25
MAIN ENGINE	Hatz 1B30	Hatz 1B30	Kubota D902	Kubota D902	Kubota D902	Kubota D902	Kubota D1105
ENGINE POWER	3,6 kW	3,6 kW	16,1 kW	16,1 kW	16,1 kW	16,1 kW	18,5 kW
ENGINE TORQUE	17,5 Nm	17,5 Nm	57 Nm	57 Nm	57 Nm	57 Nm	70 Nm
ENGINE REVOLUTION SPEED	2800 rev/min	2800 rev/min	3200 rev/min	3200 rev/min	3200 rev/min	3200 rev/min	3000 rev/min
EMULSION TANK CAPACITY	500 l	900 l	1500 l	2500 l	2500 l	5000 l	900 l
EMULSION PUMP OUTPUT	15 l/min	15 l/min	400 l/min	400 l/min	400 l/min	400 l/min	140 l/min
BURNER OUTPUT	27 kW	27 kW	60 kW	60 kW	100 kW	100 kW	27 kW
SPRAY LANCE HOSE LENGTH	5 m	5 m	5 m	5 m	5 m	5 m	5 m
AIR SYSTEM PRESSURE	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar
FUEL TANK CAPACITY	5 l	5 l	60 l	60 l	60 l	60 l	16 l
HYDRAULIC TANK CAPACITY	15 l	15 l	30 l	30 l	30 l	30 l	20 l
HYDRAULIC PUMP OUTPUT	20 l/min	20 l/min	48 l/min	48 l/min	48 l/min	48 l/min	143 l/min
WORKING WIDTH	-	-	2000 mm	2000 mm	4000 mm	4000 mm	2000 mm/3000mm
NOZZLE COUNT	-	-	8	8	16	16	8
WEIGHT	450 kg	750 kg	1900 kg	2500 kg	3520 kg	6000 kg	2100 kg
DIMENSIONS	2350x1100x1200	2920x1100x1200	3300x2400x2000	4300x2400x200	3800x2300x2200	3800x2300x2200	3200x2200x2500

TYPE:	S30	TS 4000M	TS 6000M	TS 4000C Vario	TS 6000C Vario	TS 8000C Vario
MAIN ENGINE	Kubota V1505	D902	D902	D902	D902	D902
ENGINE POWER	26,2 kW	16,1 kW	16,1 kW	16,1 kW	16,1 kW	16,1 kW
ENGINE TORQUE	93 Nm	57 Nm	57 Nm	57 Nm	57 Nm	57 Nm
ENGINE REVOLUTION SPEED	3000 rev/min	3200 rev/min	3200 rev/min	3200 rev/min	3200 rev/min	3200 rev/min
EMULSION TANK CAPACITY	1200 l	4000 l	6000 l	4000 l	6000 l	8000 l
EMULSION PUMP OUTPUT	250 l/min	400 l/min	400 l/min	400 l/min	400 l/min	400 l/min
BURNER OUTPUT	100 kW	100 kW	100 kW	100 kW	100 kW	100 kW
SPRAY LANCE HOSE LENGTH	5 m	5 m	5 m	5 m	5 m	5 m
AIR SYSTEM PRESSURE	8 bar	8 bar	8 bar	8 bar	8 bar	8 bar
FUEL TANK CAPACITY	40 l	75 l	75 l	75 l	75 l	75 l
HYDRAULIC TANK CAPACITY	44 l	50 l	50 l	50 l	50 l	50 l
HYDRAULIC PUMP OUTPUT	150 l/min	48 l/min	48 l/min	65 l/min	65 l/min	65 l/min
WORKING WIDTH	2000mm/3000mm	4000 mm	4000 mm	4000 mm / 5000 mm	4000 mm / 5000 mm	4000 mm / 5000 mm
NOZZLE COUNT	8	16	16	16/32/40	16/32/40	16/32/40
WEIGHT	2700 kg	3000 kg	3000 kg	3000 kg	3500 kg	4000 kg
DIMENSIONS	4100x2260x3000	3800x2300x2200	3800x2300x2200	4250x2200x2300	2200x2300x5250	2200x2300x6250

# ROAD WIDENERS

ATTACHED TO BACKHOE LOADER

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ATTACHED TO WHEEL LOADER

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ATTACHED TO TRACTOR

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# STRASSMAYR BF 290



The STRASSMAYR BF 290 has been designed to solve all aspects of roadside work, such as road widening, hard shoulder work or cable and pipeline trench filling. All different types of soil, gravel, grit and asphalt can be used with this unit. The universal quick coupling mount allows to attach the BF290 to a wheel loader, backhoe loader or a tractor. A specially designed screed allows to lay several material layers, up to 3 meters in width. Additional sweeping brush mounted under the operator seat ensures the cleanliness of the process.

## **ADVANTAGES OF STRASSMAYR ROAD**

### **WIDENING EQUIPMENT:**

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- Stepless screed width adjustment in range of 600 mm
- Simple operation requiring only two people involved in the widening process
- Rigid construction ensuring reliability
- Capacity to deliver 300 tonnes of material per hour
- Hydraulic absorber allowing soft fit to all types of trucks delivering the material
- Foldable operator seat for easy transportation

### **MAIN MATERIAL BIN:**

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- Steel construction, triple painted, with capacity of ca. 2,5 m<sup>3</sup>
- Optional conveyor belt for transportation of materials with temperatures up to 200°C
- Rubber covered driving drum with hydraulic motor
- Special steel tensioning drum with manual tension adjustment

### **MAIN ENGINE:**

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- Main engine Kubota D902
- Inline 3-cylinder, liquid cooled diesel, 16.1 kW (22 hp)
- Fulfilling EPA Tier 4 Interim exhaust emission regulations
- Cooled by a radiator with a fan
- All engine functions operated from the operator panel
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

### **SCREED:**

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- Hydraulically extended screed can work in range of 500mm to 1100mm and may be equipped with additional widening elements, allowing to work up to 3000mm
- Possibility to build consecutive layers at an angle up to +/- 15 degrees
- Hydraulically lifted front blade ensuring that no material falls out of the bin during operation
- Hydraulic adjustment of the screed's height

<b>TYPE:</b>	<b>BF290</b>
<b>MAIN ENGINE</b>	Kubota D902
<b>ENGINE POWER</b>	16,1 kW
<b>ENGINE TORQUE</b>	56 Nm
<b>ENGINE REVOLUTION SPEED</b>	3200 rev/min
<b>WORKING WIDTH</b>	Up to 3 m
<b>CONVEYOUR OUTPUT</b>	300 tonnes/h
<b>WORKING ANGLE</b>	+/- 15 st
<b>HYDRAULIC PUMP OUTPUT</b>	95 l/min
<b>HYDRAULIC TANK CAPACITY</b>	30 l
<b>FUEL TANK CAPACITY</b>	30 l
<b>WEIGHT</b>	2900 kg
<b>DIMENSIONS</b>	3550x2100x2500

# **SURFACE REPAIRING MACHINES**

**BUILT ON A TRAILER**

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**BUILT ON A TRUCK CHASSIS**

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# STRASSMAYR R 4000





Strassmayr R 4000 is a machine assembled on a single-axle trailer designed to perform large or partial road surface repairs using emulsion and aggregate technology. The whole process of reparation is controlled by a computer, ensuring even distribution of both materials depending on the speed of the carrier truck.

#### **ADVANTAGES OF STRASSMAYR R 4000 SURFACE REPAIRING MACHINES:**

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- Integrated emulsion tank
- Working width of 2400mm, divided into 6 sections
- Large LCD controlling all of the functions of the unit
- ABS and ESP systems embedded in the trailer's brake system, ensuring full safety by transport speeds up to 80 km/h
- One man operation from a seat located above the rollers, covering all of the functions of the unit
- Computer operation system providing high quality and efficiency of the repair job

#### **AGGREGATE BIN:**

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- Capacity of 4 m<sup>3</sup>
- Large self-loading tray hidden in the construction, with conveyor belt ensuring quick delivery of the material from the tipper or a backhoe loader
- Control of feeding screws and spray bar
- Pneumatic control of the aggregate feeding sections
- Computer control of feeding screws and spray bar

#### **MAIN ENGINE:**

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- Main engine Hatz 4H50TiCD
- Inline 4-cylinder, turbocharged, liquid cooled diesel, 55 kW (74 hp)
- Fulfilling EPA Tier 4 Final and EU Stage V exhaust emission regulations
- Automatic engine speed control
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

#### **EMULSION SYSTEM:**

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- Insulated tank with capacity of 2,2 m<sup>3</sup>
- Automatic emulsion heating installation equipped with a thermostat
- Blow-off cleaning system for cleaning purposes
- Optional electrical night heating system of the emulsion tank

# STRASSMAYR R 7500 VARIO



Strassmayr R 7500 Vario is a surface repairing machine assembled on a single-axle trailer. Thanks to its big aggregate hopper and an external emulsion connection, it is able to perform larger jobs on long distances. The whole process of reparation is controlled by a computer, ensuring even distribution of both materials independently of the speed of the carrier truck.

#### **ADVANTAGES OF STRASSMAYR SURFACE REPAIRING MACHINES:**

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- Variable working width up to 4,0 m
- Large LCD controlling all of the functions of the unit with the possibility to be installed at the truck's driver cabin
- High efficiency and precision of the repair job, thanks to a computer controlling the emulsion spraying and aggregate feeding processes dependently to the speed of the set
- ABS and ESP systems embedded in the trailer's brake system, ensuring full safety at transport speeds up to 80 km/h
- One man operation from a seat located above the rollers, covering all of the functions of the unit

#### **AGGREGATE BIN AND FEEDER SCREWS:**

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- Capacity of 7,5 m<sup>3</sup>
- 8 sections giving basic working width of 2400 mm
- 2 additional hydraulic extensions allowing stepless regulation of working width, giving 3950 mm width in total
- Large self-loading tray hidden in the construction, with conveyor belt ensuring quick delivery of the material from the tipper or a backhoe loader
- Electronic control of feeding screws and spray bar
- Pneumatic control of the aggregate feeding sections

#### **MAIN ENGINE:**

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- Main engine Hatz 4H50TiCD
- Inline 4-cylinder, turbocharged, liquid cooled diesel, 55 kW (74 hp)
- Fulfilling EPA Tier 4 Final and EU Stage V exhaust emission regulations
- Automatic engine speed control from the operator's panel
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

#### **EMULSION SYSTEM:**

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- Emulsion pump with efficiency of 600l/min, working on behalf of external emulsion tank connection
- Automatic emulsion heating installation equipped with a thermostat
- Blow-off cleaning system for cleaning with air and cleaning fluids
- Optional electrical night heating system of the emulsion tank

# STRASSMAYR R 6000 TRUCK

R 4000 Truck | R 6000 Truck



Strassmayr R 6000 Truck is a machine designed to perform large area road surface repairs, using emulsion and grit technology. The unit is built on a truck chassis or in a form of a semi-trailer allowing high manoeuvrability. The process of spraying the surface with emulsion and simultaneous application of aggregate is controlled by a computer, which is responsible for the precise dosage of both materials independently to the speed of the carrier.

#### **ADVANTAGES OF STRASSMAYR SURFACE REPAIRING MACHINES:**

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- Variable working width up to 4,0 m
- Large LCD controlling all of the functions of the unit
- ABS and ESP systems embedded in the trailer's brake system, ensuring full safety at transport speeds up to 80 km/h
- One man operation from a seat located above the rollers, covering all of the functions of the unit
- Possibility to print or download a report of the basic job information
- Computer operation system providing high quality and efficiency of the repair job

#### **MAIN ENGINE:**

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- Main engine Hatz 4H50TiCD
- Inline 4-cylinder, turbocharged, liquid cooled diesel, 55 kW (74 hp)
- Fulfilling EPA Tier 4 Final and EU Stage V exhaust emission regulations
- Automatic engine speed control from the operator's panel
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

#### **AGGREGATE BIN AND FEEDER SCREWS:**

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- Capacity of 6 m<sup>3</sup>
- 8 sections giving basic working width of 2400 mm
- 2 additional hydraulic extensions allowing stepless regulation of working width, giving 3950 mm width in total
- Large self-loading tray hidden in the construction, with conveyor belt ensuring quick delivery of the material from the tipper or a backhoe loader
- Electronic control of feeding screws and spray bar
- Pneumatic control of the aggregate feeding sections

#### **EMULSION SYSTEM:**

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- Emulsion pump with efficiency of 600l/min
- Insulated tank with typical capacity of 6 m<sup>3</sup> (size can be adapted to the truck's chassis)
- Automatic emulsion heating installation equipped with a thermostat
- Blow-off cleaning system for cleaning with air and cleaning fluids
- Optional electrical night heating system of the emulsion tank

<b>TYPE:</b>	<b>R4000</b>	<b>R6000 TRUCK</b>	<b>R7500</b>
<b>MAIN ENGINE</b>	Hatz 4H50 TiCD	Hatz 4H50 TiCD	Hatz 4H50 TiCD
<b>ENGINE POWER</b>	55 kW	55 kW	55 kW
<b>ENGINE TORQUE</b>	240 Nm	240 Nm	240 Nm
<b>ENGINE REVOLUTION SPEED</b>	2800 rev/min	2800 rev/min	2800 rev/min
<b>AGGREGATE TANK CAPACITY</b>	4 m <sup>3</sup>	6 m <sup>3</sup>	7,5 m <sup>3</sup>
<b>EMULSION TANK CAPACITY</b>	2,2 m <sup>3</sup>	6 m <sup>3</sup>	-
<b>WORKING WIDTH</b>	2400 mm	4000 mm	4000 mm
<b>EMULSION PUMP CAPACITY</b>	600 l/min	600 l/min	600 l/min
<b>BURNER OUTPUT</b>	117 kW	117 kW	117 kW
<b>HYDRAULIC PUMP OUTPUT</b>	360 l/min	360 l/min	360 l/min
<b>WEIGHT</b>	5100 kg	5500 kg	8000 kg
<b>DIMENSIONS</b>	5800x2550x3800	7500x2550x3550	7300x2550x4000

# BLOW PATCHERS

BUILT ON A TRAILER

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BUILT ON A TRUCK CHASSIS

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# STRASSMAYR STP 1008 AH





Strassmayr STP 1008 AH Patcher built on a trailer is the easiest and quickest solution for maintaining the roads in a perfect shape. This single-axle unit allows performing all stages of the road repair process using a single machine. The repairs made with emulsion and grit technology have proven to be effective and long lasting. Great mobility of this unit allows to repair even hard to reach places, assuring safety at all times, also during transportation, thanks to in-built ABS and ESP systems.

#### **ADVANTAGES OF EMULSION AND GRIT TECHNOLOGY:**

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- Two main materials used for operation (aggregates and emulsion) stay separated till the last moment before application
- No loss of material in case of stopping the reparation process
- No need to purchase small quantities of asphalt mixture each day
- Easy storage of aggregates and emulsion close to the jobsite

#### **MAIN ENGINE:**

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- Main engine Kubota V1505, paired with a belt-driven Kaeser Omega blower, delivering 12m<sup>3</sup> of air/min
- Inline 4-cylinder, liquid cooled diesel, 26.2 kW (35 hp)
- Fulfilling EPA Tier 4 Interim exhaust emission regulations
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

#### **EMULSION AND AGGREGATE SYSTEM:**

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- Aggregate container with capacity of 500kg, used mainly to capture the material from a tipper truck
- Insulated emulsion tank with capacity of 1 m<sup>3</sup>, heated by a light oil burner, controlled by a thermostat
- Circulation installation with a coat heated emulsion pump and filter, shortening the time of each start-up of the unit
- Manually operated rear boom allowing to work with radius of 4 m
- All functions of the machine controlled from an operator box located on the main boom

#### **ADDITIONAL EQUIPMENT:**

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- PatchPortal system allowing easy collection of job reports thanks to GPS and GSM systems, acquiring data on all of the single pot-hole reparations, allowing later processing of the information through a web-based portal

# STRASSMAYR STP 1008

STP 1008/4000 FOB | STP 1008/6000 FOB  
STP 1008/4000 JOY | STP 1008/6000 JOY



Strassmayr STP 1008 Patcher has proven its great functionality and reliability through the past years. The design of this surface repairing unit allows performing all stages of road surface repair process by using a single machine mounted on a platform or a truck chassis. The drive of all functions is independent from the carrier and allows easy dismantling of the unit by the use of four optional legs with manual height regulation. The working boom is operated by the driver from the truck's cabin in the Joystick version, or directly by the operator in the manual version.

#### **ADVANTAGES OF EMULSION AND GRIT TECHNOLOGY:**

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- Two separate aggregate bins allowing to work on behalf of two different sizes of stone
- Two main materials used for operation (aggregates and emulsion) stay separated till the last moment before application
- No loss of material in case of stopping the reparation process
- No need to purchase small quantities of asphalt mixture each day
- Easy storage of aggregates and emulsion close to the jobsite
- Possibility to install the PatchPortal™ system, allowing easy collection of job reports thanks to GPS and GSM systems, acquiring data on all of the single pot-hole reparations, allowing later processing of the information through a web-based portal

#### **EMULSION SYSTEM AND WORKING BOOM:**

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- Insulated emulsion tank with capacity of 1100L (in 4m<sup>3</sup> version) or 1400L (in 6m<sup>3</sup> version), heated by a light oil burner controlled by a thermostat
- Working boom allowing work with radius up to 4,5 meters can be controlled manually or hydraulically by a joystick installed in the truck's cabin
- Possibility of installing a front bumper required by homologation in Europe
- Circulation installation with a coat heated emulsion pump and filter, shortening the time of each start-up of the unit

#### **MAIN ENGINE:**

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- Main engine Kubota V1505, paired together with a belt-driven Kaeser Omega blower, delivering 12m<sup>3</sup> of air/min
- Inline 4-cylinder, liquid cooled diesel, 26.2 kW (35 hp)
- Fulfilling EPA Tier 4 Interim exhaust emission regulations
- Electronic engine speed control from the operator box
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

#### **AGGREGATE BIN:**

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- Aggregate bins offered in two different sizes: 4m<sup>3</sup> or 6m<sup>3</sup>
- Dual aggregate bin chambers (60/40) with separate conveyors are supporting two different sizes of stones to be used in the repair process – bigger fractions are used to fill the lower parts of cavities giving strength to the repair, while the smaller stones create a smooth finish on the top and tightly seal the lower layers from water

# STRASSMAYR STP 1010

STP 1010/4000 FOB | STP 1010/6000 FOB  
STP 1010/4000 JOY | STP 1010/6000 JOY



The Strassmayr STP 1010 was designed to show the future of road maintenance. It ensures constant quality of road repair thanks to the new EasyPatch™ system, and allows to control each repair with GPS and GSM systems with the optional PatchPortal™ tracing system. Construction of this unit allows performing all stages of road surface repair by using a single machine mounted on a truck. Front operating boom can be controlled manually by the operator, or directly from the cabin of the truck in the Joystick version. Safety of the process is provided thanks to the directional arrow light located on the back of the unit. Patching has never been more precise, easy and safe!

#### **ADVANTAGES OF EMULSION AND GRIT TECHNOLOGY:**

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- Precise electronic control of emulsion and aggregate amount
- Two separate aggregate bins allowing to work on behalf of two different sizes of stone
- Two main materials used for operation (aggregates and emulsion) stay separated till the last moment before application
- No loss of material in case of stopping the reparation process
- No need to purchase small quantities of asphalt mixture each day
- Easy storage of aggregates and emulsion close to the jobsite
- Possibility to install the PatchPortal™ system, allowing easy collection of job reports thanks to GPS and GSM systems, acquiring data on all of the single pot-hole reparations, allowing later processing of the information through a web-based portal

#### **EMULSION SYSTEM AND WORKING BOOM:**

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- Insulated emulsion tanks with capacity of 2 m<sup>3</sup> or 4 m<sup>3</sup> can be delivered, heated by a light oil burner and controlled by a thermostat
- Front operating boom allowing work with radius up to 4,5 meters can be controlled manually by the operator or hydraulically with a joystick installed in the truck's cabin
- Possibility of installing a front bumper required by homologation in Europe
- Precise dosage of emulsion and aggregate thanks to electronic EasyPatch™ system, controlling the amount of both materials in the reparation process,
- Circulation installation with a coat heated emulsion pump and filter, shortening the time of each start-up of the unit

#### **MAIN ENGINE:**

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- Main engine Hatz 4H50TiCD, paired with hydraulically driven Kaeser Omega blower delivering 12m<sup>3</sup> of air/min
- Inline 4-cylinder, turbocharged, liquid cooled diesel, 55 kW (74 hp)
- Fulfilling EPA Tier 4 Final and EU Stage V exhaust emission regulations
- Automatic engine speed control
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

#### **AGGREGATE BIN:**

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- Aggregate bins offered in two different sizes: 4m<sup>3</sup> or 6m<sup>3</sup>
- Dual aggregate bin chambers (60/40) with separate conveyors are supporting two different sizes of stones to be used in the repair process – bigger fractions are used to fill the lower parts of cavities giving strength to the repair, while the smaller stones create a smooth finish on the top and tightly seal the lower layers from water

TYPE:	STP 1008 AH	STP 1008/4000 FOB	STP 1008/6000 FOB	STP 1008/4000 JOY	STP 1008/6000 JOY
MAIN ENGINE	Kubota V1505	Kubota V1505	Kubota V1505	Kubota V1505 Turbo	Kubota V1505 Turbo
ENGINE POWER	26,2 kW	26,2 kW	26,2 kW	33 kW	33 kW
ENGINE TORQUE	93 Nm	93 Nm	93 Nm	118 Nm	118 Nm
ENGINE REVOLUTION SPEED	3000 rev/min	3000 rev/min	3000 rev/min	3000 rev/min	3000 rev/min
AGGREGATE TANK CAPACITY	0,5 m <sup>3</sup>	4m <sup>3</sup>	6m <sup>3</sup>	4m <sup>3</sup>	6m <sup>3</sup>
EMULSION TANK CAPACITY	800 l	1100 l	1400 l	1100 l	1400 l
BURNER OUTPUT	80 kW	80 kW	80 kW	80 kW	80 kW
AIR BLOWER OUTPUT	12,4 m <sup>3</sup> /min	12,4 m <sup>3</sup> /min	12,4 m <sup>3</sup> /min	12,4 m <sup>3</sup> /min	12,4 m <sup>3</sup> /min
AIR BLOWER MAXIMUM PRESSURE	1000 mbar	1000 mbar	1000 mbar	1000 mbar	1000 mbar
EMULSION PUMP OUTPUT	35 l/min	35 l/min	35 l/min	35 l/min	35 l/min
SCREW CONVEYOR OUTPUT	0-100 kg/min	0-100 kg/min	0-100 kg/min	0-100 kg/min	0-100 kg/min
HYDRAULIC PUMP OUTPUT	40 l/min	40 l/min	40 l/min	40 l/min	40 l/min
WORKING BOOM LENGTH	4000 mm	4000 mm	4000 mm	4000 mm	4000 mm
WEIGHT	2600 kg	3600 kg	3600 kg	3600 kg	3600 kg
DIMENSIONS	4770x2410x2600	4500x2300x2100	4900x2300x2100	4500x2300x2100	4900x2300x2100

TYPE:	STP 1010/4000 FOB	STP 1010/6000 FOB	STP 1010/4000 JOY	STP 1010/6000 JOY
MAIN ENGINE	Hatz 4H50 TICD	Hatz 4H50 TICD	Ewentualne PTO	Hatz 4H50 TICD
ENGINE POWER	55 kW	55 kW	55 kW	55 kW
ENGINE TORQUE	240 Nm	240 Nm	240 Nm	240 Nm
ENGINE REVOLUTION SPEED	2800 rev/min	2800 rev/min	2800 rev/min	2800 rev/min
AGGREGATE TANK CAPACITY	4m <sup>3</sup>	6m <sup>3</sup>	4m <sup>3</sup>	6m <sup>3</sup>
EMULSION TANK CAPACITY	2000 l/4000 l	2000 l/4000 l	2000 l/4000 l	2000 l/4000 l
BURNER OUTPUT	80 kW	80 kW	80 kW	80 kW
AIR BLOWER OUTPUT	12,4 m <sup>3</sup> /min	12,4 m <sup>3</sup> /min	12,4 m <sup>3</sup> /min	12,4 m <sup>3</sup> /min
AIR BLOWER MAXIMUM PRESSURE	1000 mbar	1000 mbar	1000 mbar	1000 mbar
EMULSION PUMP OUTPUT	35 l/min	35 l/min	35 l/min	35 l/min
SCREW CONVEYOR OUTPUT	0-100 kg/min	0-100 kg/min	0-100 kg/min	0-100 kg/min
HYDRAULIC PUMP OUTPUT	220 l/min	220 l/min	220 l/min	220 l/min
WORKING BOOM LENGTH	4000 mm	4000 mm	4000 mm	4000 mm
WEIGHT	3750 kg	3950 kg	3800 kg	3950 kg
DIMENSIONS	5500x2200x2335	6050x2200x2335	5500x2200x2335	6050x2200x2335

# THERMO-CONTAINERS

DRIVEN BY PTO

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DRIVEN INDEPENDENTLY

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# STRASSMAYR AC EH

AC 6000 EH | AC 9000 EH | AC 12000 EH





The Strassmayr AC EH thermo-container range was designed to transport all types of hot asphalt mixtures and maintain them at the ideal working temperature range at all times. Units can be mounted on a platform or directly on the truck's chassis thanks to the optional intermediate frame. All of the functions of the machine are powered from the power take-off output of the carrier. Additional industrial remote control allows to operate all hydraulic functions of the unit from the distance. Possibility to install the additional lift for the vibrating plate make this an universal unit under all circumstances.

#### **HEATING SYSTEM:**

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- One burner ECO system equipped with light oil or gas burner, automatically distributing the heat between both materials and keeping the priority on the asphalt mixture (AC 12000 EH is offered only with two burners system)
- Electronic control of the working temperature through the LCD panel located on the main operator box
- Emulsion circulation system allowing quicker heating and start-up of the unit

#### **MAIN ENGINE:**

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- Hydraulic pump driving all of the functions

#### **EMULSION TANK:**

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- Tank capacity of 250L (AC 6000) and 350 L (AC 9000 and AC 12000), insulated
- Tank fill level indicator, with minimum level safety sensor for the burner operation
- Hydraulically driven emulsion pump with coat heating, allowing easy start-up of the emulsion system at the beginning of each day
- Spraying lance fitted with a hollow cone nozzle for quick emulsion delivery, 5 meter hose with an optional hose-retractor system

#### **MATERIAL BIN:**

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- Offered in different sizes: 6000 kg, 9000 kg, 12000 kg
- Precisely insulated container with a minimum wool thickness of 80mm
- Hydraulically opened double doors allowing easy loading of the material from the top
- Screw feeder delivering the asphalt mixture, with the optional deviant auger allowing to extend the working range

# STRASSMAYR AC E

AC 6000 E | AC 9000 E | AC 12000 E



The Strassmayr AC E thermo-container range was designed to transport all types of hot asphalt mixtures and maintain them at the ideal working temperature range at all times. Unit can be mounted on a platform or directly on the truck's chassis thanks to the optional intermediate frame. All of the functions of the machine have an independent drive thanks to the Kubota diesel engine. Additional industrial remote control allows to operate all hydraulic functions of the unit from the distance. Possibility to install the additional lift for the vibrating plate make this an universal unit under all circumstances.

#### **HEATING SYSTEM:**

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- One burner ECO system equipped with light oil burner, automatically distributing the heat between both materials and keeping the priority on the asphalt mixture (AC 12000 EH is offered only with two burners system)
- Electronic control of the working temperature through the LCD panel located on the main operator box
- Emulsion circulation system allowing quicker heating and start-up of the unit

#### **MAIN ENGINE:**

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- Kubota D1105 engine
- Inline 3-cylinder, liquid cooled diesel, 18.5 kW (25 hp)
- Fulfilling EPA Tier 4 Interim exhaust emission regulations
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

#### **EMULSION TANK:**

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- Tank capacity of 250L (AC 6000) and 350 L (AC 9000 and AC 12000), insulated
- Tank fill level indicator, with minimum level safety sensor for the burner operation
- Hydraulically driven emulsion pump with coat heating, allowing easy start-up of the emulsion system at the beginning of each day
- Spraying lance fitted with a hollow cone nozzle for quick emulsion delivery, 5 meter hose with an optional hose-retractor system

#### **MATERIAL BIN:**

---

- Offered in different sizes: 6000 kg, 9000 kg, 12000 kg
- Hydraulically opened double doors allowing easy loading of the material from the top
- Screw feeder delivering the asphalt mixture, with the optional deviant auger allowing to extend the working range

TYPE:	AC 6000 EH	AC 9000 EH	AC 12000 EH	AC 6000 E	AC 9000 E	AC 12000 E
MAIN ENGINE	PTO	PTO	PTO	Kubota D1105	Kubota D1105	Kubota D1105
ENGINE POWER	-	-	-	18,5 kW	18,5 kW	18,5 kW
ENGINE TORQUE	-	-	-	70Nm	70Nm	70Nm
ENGINE REVOLUTION SPEED	-	-	-	3000 rev/min	3000 rev/min	3000 rev/min
BURNER OUTPUT	85 kW	100 kW	100 kW	100 kW	100 kW	100 kW
CONTAINER CAPACITY	4,5 m <sup>3</sup>	5,2 m <sup>3</sup>	7,2 m <sup>3</sup>	4,5 m <sup>3</sup>	5,2 m <sup>3</sup>	7,2 m <sup>3</sup>
EMULSION TANK CAPACITY	400 l	340 l	340 l	400 l	340 l	340 l
HYDRAULIC TANK CAPACITY	-	-	-	60 l	60 l	60 l
FUEL TANK CAPACITY	2x11 kg	40 l	40 l	40 l	40 l	40 l
EMULSION PUMP OUTPUT	16 l/min	16 l/min	16 l/min	16 l/min	16 l/min	16 l/min
SCREW CONVEYOR OUTPUT	0,17 m <sup>3</sup> /min	0,17 m <sup>3</sup> /min	0,17 m <sup>3</sup> /min	0,17 m <sup>3</sup> /min	0,17 m <sup>3</sup> /min	0,17 m <sup>3</sup> /min
WEIGHT	2700 kg	3100 kg	4500 kg	3000 kg	3100 kg	4500 kg
DIMENSIONS	4100x2300x1760	3900x2200x1700	5300x1700x2200	3900x2400x1700	3900x2200x1700	5300x1700x2200

# CRACK-SEALING MACHINES

BUILT ON A FRAME

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BUILT ON A TRAILER

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# STRASSMAYR RWK FRAME

RWK 450/350 frame | RWK 600/500 frame



The Strassmayr RWK FR crack-sealing machine is designed for easy preparation and dosage of special sealing compounds for the cracks, joints or road edges. The design of this unit allows easy assembly on any platform. The main tank walls are filled with thermal oil, allowing to work with sealing materials heated up to 200°C. The vertical mixer and heated grill located on the top of the boiler are ensuring constant delivery of the sealing compounds to the applicator lance without the risk of blocking the mixer operation while adding fresh blocks of material.

#### **BOILER AND FEEDING SYSTEM:**

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- Main tank with capacity of 350 L or 500 L
- Thermal oil heated by a light oil or gas burner
- Horizontal mixer with hydraulic drive, providing best temperature equalization in whole capacity of boiler and best mixing of the sealing material
- Mastic pump fully submerged in the material
- Applicator lance with two different types of nozzles for easy application of sealing materials, connected by a 5 m isolated hose
- Air compressor and blow-off installation for cleaning purposes

#### **OPTIONAL EQUIPMENT:**

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- Electrically heated hose, assuring smooth flow of the material to the lance
- Set of spray nozzles mounted on the front of the unit, used to cover the edges with sealing compounds

#### **MAIN ENGINE:**

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- Kubota D1105 engine
- Inline 3-cylinder, liquid cooled diesel, 18.5 kW (25 hp)
- Fulfilling EPA Tier 4 Interim exhaust emission regulations
- Optionally in ECO version:
- Kubota DF972 LPG engine
- Inline 3-cylinder, LPG powered, 22 kW (29 hp)
- Allowing to work even in restricted city areas
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

# STRASSMAYR RWK H

RWK 450/350 H | RWK 600/500 H





The Strassmayr RWK H crack-sealing machine is designed for easy preparation and dosage of special sealing compounds for the cracks, joints or road edges. The unit is mounted on a trailer and fitted with all necessary truck connections. The main tank walls are filled with thermal oil, allowing to work with sealing materials heated up to 200°C. The vertical mixer and the heated grill located on the top of the tank are ensuring constant delivery of the sealing compounds to the applicator lance, without the risk of blocking the mixer operation while adding fresh blocks of material.

#### **BOILER AND FEEDING SYSTEM:**

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- Main tank with capacity of 350 L or 500 L
- Thermal oil heated by a light oil or gas burner
- Horizontal mixer with hydraulic drive, providing best temperature equalization in whole capacity of boiler and best mixing of the sealing material
- Mastic pump fully submerged in the material
- Applicator lance with two different types of nozzles for easy application of sealing materials, connected by a 5 m isolated hose
- Air compressor and blow-off installation for cleaning purposes

#### **OPTIONAL EQUIPMENT:**

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- Hydraulic self-drive of the unit, allowing to work with speeds up to 9 km/h
- Electrically heated hose, assuring smooth flow of the material to the lance
- Set of spray nozzles mounted on the front of the unit, used to cover the edges with sealing compounds

#### **MAIN ENGINE:**

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- Kubota D1105 engine
- Inline 3-cylinder, liquid cooled diesel, 18.5 kW (25 hp)
- Fulfilling EPA Tier 4 Interim exhaust emission regulations
- Optionally in ECO version:
- Kubota DF972 LPG engine
- Inline 3-cylinder, LPG powered, 22 kW (29 hp)
- Allowing to work even in restricted city areas
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

TYPE:	RWK 450/350FR	RWK 600/500FR	RWK 450/350H	RWK 600/500H
MAIN ENGINE	Kubota D1105	Kubota D1105	Kubota D1105	Kubota D1105
ENGINE POWER	18,5 kW	18,5 kW	18,5 kW	18,5 kW
ENGINE TORQUE	70Nm	70Nm	70Nm	70Nm
ENGINE REVOLUTION SPEED	3000 rev/min	3000 rev/min	3000 rev/min	3000 rev/min
MAIN TANK CAPACITY	350l	500l	350l	500l
MASTIC PUMP CAPACITY	35 l/min	35 l/min	35 l/min	35 l/min
BURNER OUTPUT	190 kW	190 kW	100 kW	190 kW
THERMAL OIL QUANTITY	190 l	190 l	170 l	190 l
LANCE HOSE LENGTH	4 m	4 m	4 m	4 m
AIR SYSTEM PRESSURE	8bar	8bar	8bar	8bar
FUEL TANK CAPACITY	60l	60l	60l	60l
HYDRAULIC TANK CAPACITY	20l	20l	20l	20l
HYDRAULIC PUMP OUTPUT	61 l/min	61 l/min	61 l/min	61,5 - 84,5 l/min
FUEL TANK CAPACITY	-	-	0-10 km/h	0-10 km/h
WEIGHT	1700 kg	1800 kg	2400 kg	2500 kg
DIMENSIONS	2950x1800x2070	2950x1800x2070	5000x1800x2500	5000x1800x2500

# MILLING MACHINES

SELF-PROPELLED

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# STRASSMAYR S FF

S FF 12 | S FF 27



The Strassmayr S FF milling machines are used to prepare expansion joints or clean the cracks before application of special sealing compounds. Hydraulic drive of these compact and robust units allows easy and comfortable work. The steering wheel is directly connected with cutting tool, which allows smooth cutting regardless of the complexity of the course. Foldable protection of the operator and seatbelts secure the safety of the operator.

#### **ADVANTAGES OF SELF-PROPELLED MILLING MACHINES:**

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- Low weight and small dimensions allowing easy transportation of the units
- Hydraulic self-drive allowing speeds up to 7 km/h
- Possibility to follow the milling line of the crack
- Exhaust powered cleaning system for better view of the cutting disc
- Easy hydraulic cutting depth regulation

#### **MAIN ENGINE:**

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- S FF 12: Hatz 1D81C
- 1 cylinder diesel engine with electric starter, 13HP
- S FF 27: Hatz 2L41C
- 2 cylinder diesel engine with electric starter, 27HP
- Both engines fulfilling EPA Tier 4 exhaust emission regulations
- Hydraulic pump driving all of the functions
- Hydraulic oil tank with radiator, filter and temperature/oil level indicator

#### **CUTTING TOOLS DETAILS:**

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- S FF 12: Maximum cutting depth of 25 mm
- S FF 27: Maximum cutting depth of 35 mm
- Cutting disc with sintered carbide elements, with diameter of 160 mm
- Possibility to cut in asphalt (optionally concrete)

<b>TYPE:</b>	<b>S FF 12</b>	<b>S FF 27</b>
<b>MAIN ENGINE</b>	Hatz 1D81C	Hatz 2L41C
<b>ENGINE POWER</b>	9 kW	23,5 kW
<b>ENGINE TORQUE</b>	34 Nm	100 Nm
<b>ENGINE REVOLUTION SPEED</b>	2800 rev/min	2600 rev/min
<b>CUTTING DISC DIAMETER</b>	160 mm	160 mm
<b>CUTTING DISC WIDTH</b>	10 mm	10 mm
<b>MAXIMUM SPEED</b>	3 km/h	15 km/h
<b>WEIGHT</b>	480 kg	1200 kg
<b>DIMENSIONS</b>	1800x600x1900	2300x950x2100
<b>FUEL TANK CAPACITY</b>	7 l	70 l
<b>HYDRAULIC TANK CAPACITY</b>	18,5 l	30 l
<b>HYDRAULIC PUMP OUTPUT</b>	25 l/min	147 l/min
<b>CLIMBING ABILITY</b>	11%	13%

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