

SMART 3000, truck-mounted bitumen sprayer

BREINING
FAYAT GROUP

Easy, practical, economical, ergonomic

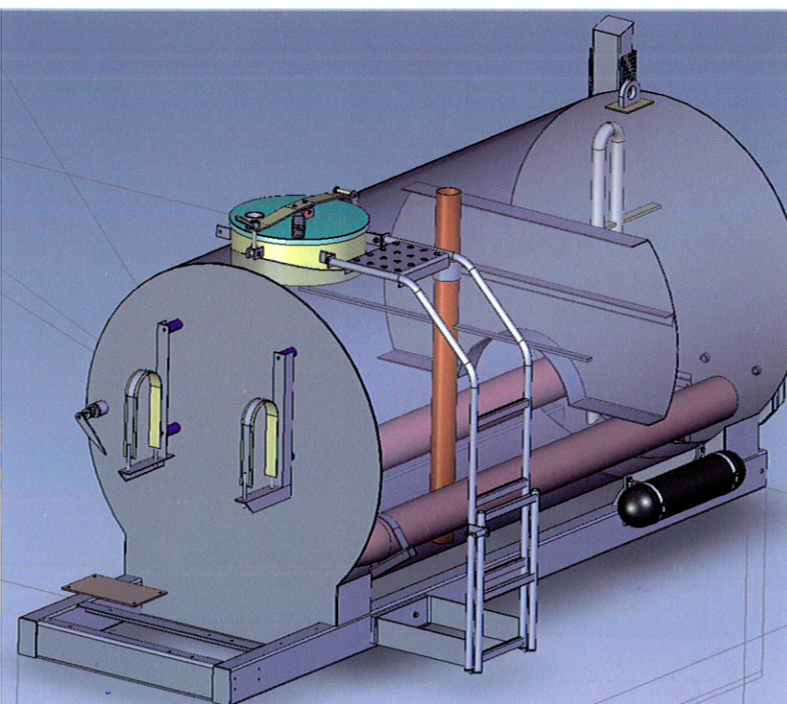
3,000 litre distributor with 2.3 m spray bar mounted on a truck.

A direct result of BREINING's experience in the BREINING range of spraying machines, this SMART 3000 has been designed to meet the new requirements of application sites requiring lesser volumes of binder.

A very robust design and easy to use, this machine mounted on light carrier trucks allows spraying work on urban or extra-urban sites of all types.

All the technical equipment is fitted on the main tank frame, thus making it possible to use any type of carrier simply mounted on a truck body.

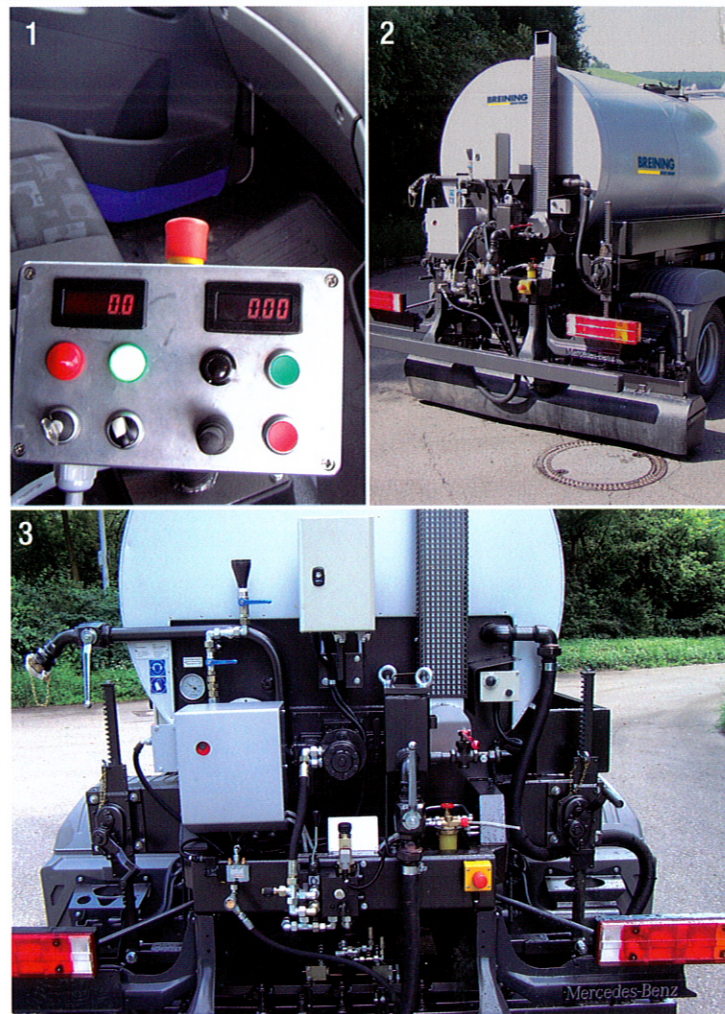
The binder tank is insulated with 30 mm rock wool as standard, making it easy to maintain the temperature of the material.



Dimensions without carrier:

■ Capacity:	3,000 l
■ Length:	3,250 mm
■ Width:	1,370 mm
■ Height (to the acces hatch)	1,600 mm

- 1 Simple control of distribution from the cab of the carrier truck. The distribution pressure and the advance speed, measured by a high-frequency radar, are displayed clearly on two digital indicators allowing the distribution pressure and thus the area in m² covered to be adjusted on a potentiometer.
- 2 Lateral side shift of the spreader bar by 400 mm on each side from the truck cab. Side access ladder giving easy access to the hatch on top of the tank. Side storage compartment for hand-held lance and spreader hose supplied with the machine.
- 3 Assembly easy to access and permits problem-free filling, circulation, distribution and draining. Two hand jacks for adjustment of the spreader bar height. A filter downstream of the pump protects the plugs in the injectors.
The binder circuit is designed so that it is possible, at the end of the job, to suck the residual binder in the circuit back into the tank, thus helping to protect the environment.
- 4 Noise-insulated power unit, very compact, located on the front of the machine, making it totally independent. A diesel tank for the oil burner mounted above the motor allows a visual check on the level of fuel remaining. The auxiliary engine unit has an electric starter but may also be started manually with a hand starter if necessary.



- 5 Special patented pump with integral vanes allowing filling, tank circulation, circulation to the spray bar and injection by a simple operation on the vane levers. The pump is fitted with an electric heating cartridge, thus allowing the use of polymerised binders. A thermostat fitted in the pump body regulates the pump temperature automatically. Maintenance of the pump is minimised thanks to its direct hydraulic drive without gear.
- 6 Electric control box covers all the functions and auxiliary commands for the burner. The desired binder temperature is fixed by a thermostat located at the rear of the machine.
- 7 External graduated level indicator allowing the volume held to be continuously monitored. A fixed end of travel on this indicator allows the burner to be switched off automatically when the minimum quantity in the tank is reached, protecting the remainder of the binder against coking.

With BREINING policy of constantly improving, specifications are subject to change without notice (11/08)



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