

GRÜN

Road Construction | Renovation Work



100 JAHRE
1919 - 2019

www.gruen-gmbh.de



Special machinery factory for roof, road and construction

| Founded 1919

For decades, **GRÜN GMBH** has been involved in developing and producing specialist machines for the building sector.

The goal was and is to provide processors with technically advanced specialist equipment for the efficient use of labour. Particular focus is placed on practical collaboration with installation companies, manufacturers of processing materials and work safety groups, in order to enable operators to carry out high-quality work.





The companies in our Group work in the following areas:

- Road construction and road maintenance technology
- Road marking technology
- High-pressure water surface treatment
- Roofing equipment/construction technology
- Fall protection

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Mastic asphalt technology

Horizontal transport boilers for mastic asphalt RGTK 5.000 - RGTK 11.000

- Very high payload, short design at a low overall height
- Boiler capacity from 5.000 - 11.000 l at a filling capacity of 90%
- Efficient and economical heating system with Weishaupt oil burner
- Horizontal powerful, infinitely variable, direct hydraulic driven Agitator with 4-stage planetary gear
- Big hydraulic driven outlet 600 mm x 360 mm
- Two or three cylinders Hatz- diesel engine in sound absorbing design
- **NEW** From now as well with Kubota Power-Pack D1803 (Euro 5 Ready)
- Electric control box with control panel and clear mounted controls
- The boilers can be set up on trucks, setting frames and trailer chassis with an appropriate carrying capacity
- Optionally with GPS logging System for quality assurance on the construction site





Vertical transport and recycling boilers for mastic asphalt ATK H1 – ATK H14

- Boiler capacity from 500 - 6.200 l
- Hydrostatic agitator with slewing bearing and drive chain
- Boiler heating system with Weishaupt oil burner or propane gas burner
- Hatz-diesel engine in sound absorbing design
- The advantages of this series are the approved agitator drive, moderate weight, outstandingly simple operation, high operating reliability and low price.
- The boilers can be set up on trucks, setting frames and trailer chassis with an appropriate carrying capacity





Mastic asphalt finischers GAB 25-KBR 110SL

- For automatic installation of mastic asphalt used in rail, roadbuilding and hall construction
- Installation width from 1.000 mm to 12.500 mm
- Hydrostatic chain-driven all-wheel drive or caterpillar drive
- Optional hydraulic pillar drive for maneuvering in the site or to drive onto the low loader
- Heated finisher tools in milled design with pressing and smoothing surface
- The machine can be optionally equipped with an asphalt distributor



Mastic asphalt dumper D 0,6 HD

- Special device for the transport of mastic asphalt at site
- Fully hydraulic infinitely variable drive
- Powerful and silent water-cooled four-cylinder diesel engine
- Boiler capacity approx. 620l with powerful vertical agitator





Bitumen transport and spray technology

Bitumen spraying devices BSM 600 und BSM 1200

- Heated material tank with a capacity of 600 l or 1.000 l plus space for a 200 l barrel under the preheating hood
- With hydraulic traction drive
- The coolant from the diesel engine is used to heat the binding material pump, bitumen filter and the spray bar
- Optionally with hydraulically extendable side parts
- Pre-spray bar width up to 3.375 mm with individually switchable nozzles
- Preheating hood and crane for the bitumen barrels
- Powerful and silent Kubota diesel engine
- Trailer chassis with air brakes on BSM 1200
- Optionally with GPS logging System for quality assurance on the construction site



Bitumen spraying device AHS 5-200

- For spraying primer and bitumen emulsions with a spraying lance
- Trailer chassis with hand-pull drawbar and holder for a 200 l bitumen barrel
- Hydraulic driven bitumen pump with pressure relief valve

Bitumen transport tank AT 2.000 to AT 8.000

- For transport of primer, bitumen emulsions and polymer-modified binding material
- The bitumen tank can be equipped with fuel oil or gas firing
- Capacity from 2.000 l to 8.000 l
- Water cooled Kubota diesel engine
- The bitumen tank can be mounted on a trailer or truck chassis having the appropriate carrying capacity





Joint sealing technology

Sealing compound boiler capacity
200l to 600l

- Devices for melting and processing bituminous joint sealing material without abrasive filler
- Boiler with horizontal or vertical stirrer
- Propane gas or fuel oil firing
- Innovative propulsion with hydraulically driven heavy-duty axle or friction wheel drive for the trailer axle allows high climbing ability. Operation via remote control or steering wheel
- Pumping unit with hose system, electrically heated on request
- Electrically heated edge spraying device





Hot air lance burner

- For drying, heating and blowing out cracks and joints in road surfaces
- Hand guided devices with or without compressor and optional with traction drive



Joint sealing device AVG 50

- Hand guided device for melting and processing joint sealing material
- Boiler with a capacity of 50 l with hand operated stirrer, temperature control and temperature limiter
- Propane gas firing with safety pilot and bottle holder for one 11 kg gas bottle

Joint sealing accessories

- 10 l joint sealing devices
- Spreading unit for chippings
- Bitumen bucket, pouring can and sealing can
- Screed box 8 cm wide





Crack and Joint cutting technology

Environmentally friendly dry crack cutters for expansion of uneven running stress cracks in road surfaces and for creating joints

| Carbide joint cutter FFM 15

- Cutting depth up to 30 mm
- Kubota diesel engine
- Ride-on machine with traction drive
- Slow moving hydraulically-powered tool to reduce dust formation and for high daily output



| Cutters with diamond cutting technology

- Dust extraction with collecting tank
- Possible cutting depth up to 165 mm
- Petrol or diesel engine
- Manual cutters, device with friction wheel or hydraulic traction drive





Boilers with hand operated or motor driven stirrer

For melting and processing thermoplastic road marking materials and bituminous joint, rail sealing and railway grouting materials

Boilers with motor driven stirrer

- Boiler capacity of 120 l to 800 l
- Indirect or direct propane gas or fuel oil firing with high melting power
- Vertical or horizontal stirrer hydraulically or electrically driven



Boilers with hand operated stirrer

- Boiler capacity of 50 l to 230 l
- Vertical hand operated stirrer
- Indirect or direct propane gas heating with high melting power



Patchmatic and asphalt heating technology

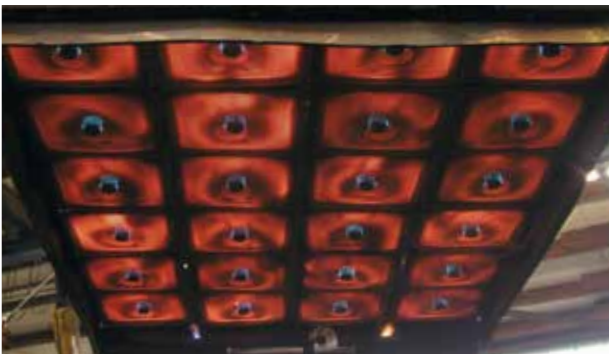
- For the long-lasting restoration of damaged asphalt roads
- The binding material tank is insulated and heated
- Split container with two chamber system
- The working arm has a radius of approx. 3.8 m. The working arm is operated via control box which is mounted at the front part of the arm or from the cab of the truck
- Water cooled diesel engine and proportionally regulated hydraulic drives of the binding material pump, air blower and split screw conveyor
- The Patchmatic machines can be mounted on changeable platforms, truck or trailer chassis with the appropriate carrying capacity





Asphalt heating technology

- For fast, gentle heating of asphalt surfaces and seams
- Heating surfaces of 150 x 750 mm to 1.200 mm to 1.250 mm
- The units can also be equipped with an optional temperature regulator and battery power supply





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