

PROPANE BITUMEN BOILERS PRIMAT and REKORD

are the product of years of experience in the manufacture of bitumen boilers. The construction and fitting of the equipment represents the latest technology; the robust design takes into consideration the rigours of building sites; the heating system – without internal heating tubes – guarantees, because of the large heating areas, a high melting capacity using only small amounts of gas. Economic viability is achieved both by a high degree of firing efficiency and by double casing insulation. Both the energy-saving heating technique and the cleanliness of combustion have been confirmed by a State approved testing institution in W. Germany.



- ▶ GRÜN bitumen boilers are designed on the basis of a modular construction system and can easily be reduced to the main component parts without any tools, as a result of which exchanges of parts within boilers of the same size can be made without any problems, this often solves transportation difficulties
- ▶ The construction is rigid and wholly suitable for building site use, the steelplate is strong and of excellent quality thus extending the life of the equipment
- ▶ A wind-shielded vortex beam and row burners ensure a uniform spread of heat on to the boiler base.
- ▶ The standard model includes hand-operated burners. The absence of heating tubes prevents cleaning problems.
- ▶ Equipment of 30 litres capacity or above can be fitted with a dial thermometer if required; equipment with more than 50 litres effective contents can be designed, on request, for thermostatic regulation of the burner by an automatic control, the design of which is based on tried and tested component parts. The control is effected via an adjustable valve which regulates the gas discharge rate.



GRÜN bitumen boilers tilt 50 and stationary 50

These small manageable boilers with lockable lids will go through almost any roof-hole and are therefore excellently suited for repair work and small jobs. The high-powered propane beam burner ensures a rapid heating up period. On request the equipment can be equipped with a dial thermometer for temperature control. Bitumen is poured by tilting the boiler in the tilting frame. The stationary boiler is equipped with footstands and drain cock.

GRÜN PRIMAT bitumen boilers 150 and 250

In the standard design the heating is by manually controlled 1-flame, 3-flame and 5-flame propane burners respectively. On request the equipment can be fitted with GRÜN automatic thermostatic controls. The automatic control does not break down easily nor does it require regular maintenance; it works without batteries or mains supply. The thermometer is built into the casing attachment for temperature control; the thermostatic control unit can be taken out at any time – for instance at the end of the day – even when the bitumen is cold.

Energy loss is avoided by means of double casing full insulation. The large opening with sturdy lockable lids facilitates ease of filling. The bitumen drain cock is built-in and lackable.



GRÜN REKORD bitumen boilers 19, 29 und 49

High-performance small bitumen boilers with removable tub. Heating is by means of a windshielded propane vortex beam burner. Construction and fitting comply with the regulations of the German Bau-Berufsgenossenschaft (construction liability insurance).

With the boiler types 19 and 29 the tub can be easily pulled out and used as a bucket. The equipment of the bitumen boiler 49 includes a lockable hinged lid, lockable drain cook, double jacket insulation and, on request, a dial thermometer for temperature control.



GRÜN REKORD bitumen boilers 119 und 229

These round bitumen boilers are characterised their specially sturdy design. The wind shielded manually operated propane vortex beam burner guarantees high melting efficiency.

On request the equipment can be fitted with the GRÜN automatic thermostatic control for regulation of the burner.

The automatic temperature control of the melting material is by means of a thermometer built into the control attachment.

Further engineering features are the special exhaust gas chimney, double jacket insulation, and removable tub without internal heating tubes. The bitumen is removed with the built in lockable drain cook.

Protection against leaking gas with medium pressure regulator and double hose line



According to the regulation of the trade cooperative association for safety and health at work BGV D34 protections against leaking gas have to be used when using consumers, which are driven with liquid **gas below ground level!**

This means that protections against leaking gas are **compelling** prescribed when working with propane gas hand burners, bitumen boilers and so on.

By means of using protections against leaking gas smallest leakages and damages in the hose are identified and the gas supply is automatically locked.

Technical Data:

Type of boiler	contents in litre	allowable filling quantity in litre	burner jet Ø in mm	bitumen through-put approx. l/hr	max. propane consumpt. approx. kg/hr	operating pressure	part number
TILT 50	55	50	0,9	100 l/h	1,4 kg/h	1,5 bar	0211 0000
STATIONARY 50	55	50	0,9	100 l/h	1,4 kg/h	1,5 bar	0215 0000
PRIMAT 150	150	135	1,2	200 l/h	2,5 kg/h	1,5 bar	0213 0000
PRIMAT 250	250	225	1,5	300 l/h	3,9 kg/h	1,5 bar	0214 0000
REKORD 19	21	19	0,6	40 l/h	0,6 kg/h	1,5 bar	0201 0000
REKORD 29	32	29	0,7	60 l/h	0,8 kg/h	1,5 bar	0202 0000
REKORD 49	60	50	0,9	100 l/h	1,4 kg/h	1,5 bar	0203 0000
REKORD 119	133	120	1,2	180 l/h	2,5 kg/h	1,5 bar	0204 0000
REKORD 229	260	230	1,5	280 l/h	3,9 kg/h	1,5 bar	0205 0000



accessories for bitumen boilers

tray for bitumen boiler an oil canister

- size I for 2 oil canisters or bitumen boilers up to 50 litres
- size II for bitumen boilers up to 150 litres
- size III for bitumen boilers up to 250 litres

part-no. 0305 0000
part-no. 0306 0000
part-no. 0307 0000

Safety medium pressure regulator 1,5 bar

with built in hose failure valve in combination with:

- 3 m high-pressure hose
- 5 m high-pressure hose

part-no. 1501 0000
part-no. 1502 0000

double bottle connection with quick-change valve

for connecting 2 propane gas bottles 11 or 33 kg with combination connection.

part-no. 1556 0000

3 m high pressure hose, on both sides 3/8" left

part-no. 1525 0000

5 m high pressure hose, on both sides 3/8" left

part-no. 1526 0000

Safety medium pressure regulator 1,5 bar

with built in hose failure valve

part-no. 1541 0000

spare gas seal for safety medium pressure regulator

part-no. 1541 0001

Protection against leaking gas with adjustable safety medium pressure regulator 0,5 – 4 bar and

- 5 m high-pressure double hose, M 22 x 1,5 LH, 6 kg/h
- 10 m high-pressure double hose, M 22 x 1,5 LH, 6 kg/h

Part no. 1471 0000

Part no. 1470 0000

GRÜN

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