

novag[®]

SPRAY EQUIPMENT

2K BITUMEN WATERPROOFING EMULSIONS

*The new Bitumen
two components unit*



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CHARACTERISTICS

The BITUMEN-2K dosing unit has been designed and built for the application of bitumen waterproofing emulsions two-component system.

Emulsion Delivery System

Made up of an external gear pump with 30 cc cylinder and driven by gasoline engine.

Provides a constant flow and guarantees uniform spray pressure.

The rotation ratio with the engine is 1.5:1.

Catalyst Delivery System

Made up of a vane pump with 15 cc cylinder and driven by the gasoline engine.

Provides a constant flow and guarantees uniform spray pressure.

The rotation ratio with the engine is 2.4:1.

Recirculation System

Homogenizes the two products before initiating spraying. The system is equipped with a manual activation valve for each product that allows the recirculation and spray circuits to be closed or open. In recirculation mode, the products delivered by the pumps return to the feed tanks.

Gasoline Engine

It is equipped with a 12 V electric ignition system and generates a maximum power of 9 hp.

It runs on 95 octane unleaded gasoline.

TECHNICAL SPECIFICATIONS

Catalyst Max. Spray Pressure: 10 kgf/cm² (0,98 MPa) - 142 psi

Catalyst Maximum Output: 22 l/min - 5'8 gal/min

Emulsion Max. Spray Pressure: 20 kgf/cm² (1,96 MPa) - 284 psi

Emulsion Maximum Output: 68 l/min - 18 gal/min

Maximum Output with Tip NF03 @ 10 kgf/cm² (catalyst)
2,2 l/min - 0,58 gal/min

Maximum Output with Tip NF30 @ 20 kgf/cm² (emulsion)
29 l/min - 77 gal/min

Hose Length: 35 m

Length of the Suction and Return Hose: 5 - 6 m

Weight with Hoses: 200 kg

Weight without Hoses: 160 kg

Dimensions: H: 100 cm / W: 60 cm / L: 150 cm

