

PROMARK 100

Infrared heater for preformed thermoplastic application

HS Code: 8416208000

Description:

The PROMARK 100 is an infrared heater designed for the installation of PLASTIFORM traffic, play & décor markings on asphalt or primed concrete surfaces.

The infrared heater is a row of gas-fired heating elements equipped with ceramic plates to produce an even and controlled heat which will not burn the thermoplastic surface.

Reflectors and stabilizing mesh direct and distribute heat in the desired direction.

Heating zone dimension: 500mm x 1,000 mm (19.7" x 39.4").

PROMARK 100 uses a propane (G30) or propane-butane (G31) gas bottle.

IR heaters inlet pressure is 50–180 mbar (0.7–2.6 psi) (148 mbar nominal pressure), category I3B/P.



Specifications:

Nominal power (148 mbar (2.2 psi) inlet pressure) Q _n (Hs)	52.2 kWh (178,114 BTU)
Min. power (50 mbar (0.7 psi) inlet pressure) Q _{min} (Hs)	30.6 kWh (104,412 BTU)
Max. power (180 mbar (2.6 psi) inlet pressure) Q _{max} (Hs)	57.0 kWh (194,492 BTU)

Gas Consumption:

Nominal (148 mbar (2.2 psi) inlet pressure) M _n	3.9 kg/h (8.6 lb/h)
Minimum (50 mbar (0.7 psi) inlet pressure) M _{min}	2.3 kg/h (5.1 lb/h)
Maximum (180 mbar (2.6 psi) inlet pressure) M _{max}	4.3 kg/h (9.5 lb/h)

Road & Line Marking Equipment – Preformed Thermoplastic Equipment

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

PROMARK 100 consists of:

- 6-Wheel frame with a gas bottle holder
- Wing-up heater with 6 IR units
- Manual torch
- Control unit
- Gas regulators for heater and torch
- Ignition system
- Thermal sensor
- Handle

IR heater reflectors are made of high temperature resistant stainless steel. Manual torch with piezo ignition for spot heating.

Control unit with indicators, switches, control handles, 12 V DC powered. Manual adjustment of gas supply and heating modes. Thermal sensor to control pre-formed material surface temperature. Wing-up heater for easy transportation.

Packaging:

In a wooden box, width 800 mm, length 1150 mm, height 1100 mm. The box is fixed on a pallet 1000x1200x120 mm. Weight of 1 box 80 kg net/150 kg gross (box + pallet + equipment).

Folded:

Width 700mm, Length 1000mm, Height 1200 mm, Weight 77 kg.