

Joint Heater For heating of longitudinal joints

The Joint Heater is an infrared propane/butane gas burner used on asphalt pavers, assisting in the construction of longitudinal joints.

The joint heater will preheat the edge of the previously laid cold lane just prior to placing the new hot mix lane next to it. This approach ensures optimal conditions for a consistent continuous weld of the fresh and previously laid mats, preventing premature cracking of the joint.

The joint heater comprises an aluminium frame with three or six burner heads, and an electrical circuit that will open the gas flow and ignite the gas in the burners when power is applied to the circuit.

The built in spark plugs will produce sparks continuously during operation to re-ignite the gas on flame blow out.

It is possible to combine a 6-burner and a 3-burner into a 9-burner Joint Heater using the S-50468 Extension Kit for Joint Heaters.

The S-50791 Joint Heater Mounting makes it very easy to attach, adjust and detach the Joint Heater, which reduces installation time.

The Joint Heater Mounting and extension kits are sold separately.



The three and six burner version



Underside of burner

| Joint heater specifications | | |
|-----------------------------|-------------------------|-------------------------|
| Application | Joint heating, 6 burner | Joint heating, 3 burner |
| Part Number | S-50418 (12/24VDC) | S-50464 (12/24VDC) |
| Dimensions (LxWxH) | 180x30x36 cm | 92x30x36 cm |
| Weight | 33kg | 19kg |
| Output | ~40kW at 1.5 bar | ~20kW at 1.5 bar |
| Number of burner heads | 6 heads | 3 heads |
| Supply pressure | 0.5-1.5 bar | 0.5-1.5 bar |
| Included accessories | Powerlead and gashose | Powerlead and gashose |