



ISO 9001-2008 Company

# Brushless Car Wash



- ▶ The KRE-003 is an Automatic Brushless Washing Machine for washing car's bodies.
- ▶ A car can be washed in < 2 minutes.
- ▶ It is easily maintainable and highly reliable.
- ▶ It is economical as compared to manual washing.
- ▶ The Equipment is fully covered by guarantee and comprehensive service schemes like all other KRE range of Automatic Washing Systems.

## Operation

The machine has 2 cycles. In the 1<sup>st</sup> cycle the gantry moves in the forward direction spraying the car with a special solution mixed with water covering the whole car with soap flakes. This loosens the mud etc. adhered to car surface. After, a short delay (the delay time is adjustable) the gantry starts the return traverse spraying the car with high pressure water @ 5 bar pressure through specially designed nozzles, which are strategically placed for maximum coverage. The force of water impinging on the car surface is increased by injection of air. The Nozzles oscillate to cover the whole car surface for enhanced cleaning.

Total time taken to complete the washing cycle is < 2 minutes.

Provision is given in machine for a 2<sup>nd</sup> cycle (without spraying detergent) in case the car is not cleaned satisfactorily

## System:

The machine KRE 003 has been specially designed to wash the entire car with high pressure water after covering the car with flakes of soap automatically.

The system consists of:

1. Moving Gantry type Washing Machine with arrangement to presoak
2. Under chassis Wash system (If incorporated)
3. Drying Unit (if incorporated)

## Technical Data

- |                        |                                       |
|------------------------|---------------------------------------|
| 1. Type of Machine     | : Brushless gantry type               |
| 2. Washing Height      | : 2150 mm                             |
| 3. Machine Height      | : 2600 mm                             |
| 4. Machine Width Space | : 3350 mm (min as per available)      |
| 5. Machine Length      | : 1275 mm                             |
| 6. Electric Supply     | : 415 V.3 phase 50 cycle with Neutral |
| 7. Power Required      | 7.8 kW.                               |
| 8. Time of Wash        | : 11/2 minutes                        |
| 9. Starting Method     | : Push Button/automatic               |
| 10. Shampoo Pump       | : Automatic by electric Metering      |
| 11. Presoak            | : Metering Pump                       |
| 12. Water Pressure     | : 5 bar                               |
| 13. Water Consumption  | : 70 litres/wash cycle                |
| 14. 1/2" Air line      | : 100-120 PSI                         |

The **KRE** policy is one of constant product development. The company therefore reserves the right to amend the design of equipment whenever necessary without notice.



# KRE

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