



KWE – PREMIER 'S'
2 Brush Automatic Bus Washing Machines



KRITTI WASH EQUIPMENT PVT LTD

Manufacturers of Automatic Vehicle Washing Machines for Cars & Commercial Vehicles

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T E C H N I C A L D A T A

KWE- PREMIER 'S' 2 BRUSH AUTOMATIC BUS WASHING MACHINE

- 1- Type of Machine: 2 brush rolls over gantry type.**
- 2- Washing Height: 4000mm.**
- 3- Machine Height: 4355 mm**
- 4- Machine Width: 4255 mm.**
- 5- Machine Length: 1770 mm.**
- 6- Platform length- 15mtr.**

Power Required-

- 1- Electric Supply: 400/440 V, 3 Phase 50 cycle with Neutral.**
- 2- Machine: 5.2KW**
- 3- Time of Wash Cycle: 3 Minutes.**
- 4- Starting Method: Pushing button/vehicle actuated.**

OPERATION OF KWE-PREMIER 'S' VEHICLE WASHING MACHINE

The operation of the new generation of **KWE –PREMIER 'S'** vehicle Washing Machine is monitored by a **CONTROL PANEL**, consisting of contactors, relays and timers or **PLC** Controlled panel.

The traffic light shows green. The Vehicle drives into the wash bay between the guide rails, stopping immediately in front of the Machine. The engine must be stopped and the hand brake firmly applied.

The driver/operator pushes the start button. The side's brushes are released start rotating and move to their inner operating positions. The Machine moves towards the vehicle. After a short delay (2-3 seconds).

The side brushes the water pump and detergent pump are switched on. The brush spray system starts operating.

Contact the vehicle deviate outwards freely to accommodate the vehicle width. Their outward movement is hydraulically damped to prevent brush bounce.

After two seconds delay the oscillation motor and blaster pump starts. The Oscillating Blasters spray water to cover the front, roof & rear of the bus.

At the end of first traverse, the Machine stops, the water and detergent pump injection system is switched off.

After a short delay to allow the detergent to be cleared from the spray system the Machine commences its return traverse.

A full brush washing operation is again completed, with the side brushes in contact with the vehicle and the vehicle thoroughly rinsed the water. On the return of the Machine to its starting position, the spray system is switched off.

The brushes stop rotating allowing a clear passageway for the vehicle to be driven through the Machine and out of the wash bay. The complete washing operation is fully automatic.

The Machine travels only the length as designated. The approximate time of complete wash cycle is 3 minutes for a large commercial vehicle or coach.

