

# TRUCK MOUNTED Road Sweeper

## Ride-On Sweeping Machine

Diesel Operated, Heavy Duty road sweeper  
 High efficiency & Performance in all conditions  
 6000 Litres | 105 HP Auxiliary Engine | Heavy duty Vacuum Sweeper



## TECHNICAL SPECIFICATIONS

### OVERALL SWEEPING WIDTH

|                  |           |
|------------------|-----------|
| With Dual Brooms | : 3000 mm |
| With One Broom   | : 2650 mm |
| With Main Broom  | : 2200 mm |
| Suction Head     |           |

### AUXILIARY ENGINE

|                     |                           |
|---------------------|---------------------------|
| Model               | : 4R1040TA                |
| Induction System    | : Turbo                   |
| Combustion System   | : Direct Injection Diesel |
| Number Of Cylinders | : 4                       |
| Displacement        | : 4160 cc                 |
| Power Rating        | : 105 HP @ 2200 RPM       |
| Cooling System      | : Liquid Cooled           |
| Starter             | : 12 volts, 2.8 kw        |
| Alternator          | : 12 volts, 55 amp        |
| Battery             | : 12 volts, 80 Ah         |
| Oil Filter          | : Spin on                 |
| Air Cleaner         | : Dry Type                |
| Safety Shutdown     | : Automatic               |

### ELECTRICAL SYSTEM

|            |                     |
|------------|---------------------|
| Display    | : 3.5"              |
| Outputs    | : Solidstate/ Relay |
| Protection | : Fuse              |
| Controls   | : 24 volts          |

### DEBRIS HOPPER

|                    |  |
|--------------------|--|
| Capacity           | : 6 Cubic Metres                           |
| Construction       | : Heavy gauge Mild Steel / Stainless Steel |
| Dumping            | : Hydraulic                                |
| Dumping Controls   | : In Cab                                   |
| Dumping Height     | : 1250 mm                                  |
| Dumping Tilt Angle | : 51 degrees                               |
| Interior Finish    | : Natural Steel                            |
| Exterior Finish    | : Painted                                  |
| Wander Hose/Nozzle | : 200 mm x 4000 mm length                  |

### SUCTION FAN

|               |  |
|---------------|--|
| Type          | : Centrifugal fan                            |
| Drive         | : 4 XPB Section V Belt                       |
| No. Of Blades | : 10   |
| Diameter      | : 810 mm                                     |
| Mounting      | : 2 Sealed Bearing units                     |
| Construction  | : Welded Mild Steel / Stainless Steel Blades |

### SUCTION FAN CASING

|                 |                                       |
|-----------------|---------------------------------------|
| Construction    | : Welded Mild Steel / Stainless Steel |
| Liner           | : Replaceable Rubber                  |
| Vacuum Enhancer | : For Light/ Heavy Material           |

### SWEEPING HEAD

|                       |  |
|-----------------------|--|
| Type                  | : Dual Chamber Full Width Blast orifice                |
| Operating Direction   | : Forward  |
| Suspension            | : Adjustable Spring Balance                            |
| Full Width            | : 2200 mm  |
| Suction Hose Diameter | : 350 mm   |
| Blast Hose Diameter   | : 350 mm   |
| Hose Construction     | : Reinforced Moulded Rubber Mild Steel/Stainless Steel |
| Skids                 | : Tungsten Carbide Inserts                             |
| Controls              | : Hydraulic Raise & Lower                              |

### HYDRAULIC SYSTEM

|                |                              |
|----------------|------------------------------|
| Type           | : Hydraulic Pump             |
| Fluid Capacity | : 70 Litres                  |
| Drive          | : Direct Drive               |
| Filter         | : Cartridge type / 10 micron |
| Strainer       | : 80 mesh                    |

### DUST CONTROL

|                   |  |
|-------------------|--|
| Water             | : 500 litres                           |
| Tank Construction | : Welded Mild Steel / Stainless Steel  |
| Fill Diameter     | : 50 mm (pipe) / 100 mm (Tank Opening) |
| Controls          | : Electric In Cab                      |

### GUTTER BROOM

|                 |                          |
|-----------------|--------------------------|
| Type            | : 4 Segment Steel Tined  |
| Diameter        | : 650 MM                 |
| Drive           | : Hydraulic Motor        |
| Speed           | : Variable Non Reversing |
| Tilt Adjustment | : Electric In Cab        |

### LIGHTS

|                |           |
|----------------|-----------|
| Side Brush     | : 1 unit  |
| Rear Door      | : 2 units |
| Aux Engine Bay | : 1 unit  |

### OVERALL DIMENSIONS

|        |           |
|--------|-----------|
| Height | : 3090 mm |
| Width  | : 2400 mm |
| Length | : 6100 mm |

### Management Office & Warehouse:

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