

# SELF PROPELLED ROAD SWEEPING MACHINE TPS VACSWEEP-5000SP



## SELF PROPELLED SWEEPING MACHINE MODEL – TPS-VACSWEEP-5000SP

S. No.	Description	Specification
<b>1</b>	<b>Application</b>	Cleaning of Municipal and Industrial Plant Roads, Parking Areas and other paved Areas.
<b>2</b>	<b>Type</b>	Self-Propelled, Hydrostatic Drive
<b>3</b>	<b>Engine</b>	
3.1	Make	ASHOK LEYLAND
3.2	Power	Min 160 HP
3.3	Emission Norms	BS-IV
3.4	No. of Cylinders	4
3.5	Engine Cooling	Water Cooled, turbocharged
3.6	Fuel Tank Capacity	150 Ltrs.
3.7	Diesel Consumption	10-12 Ltr./Hr.
<b>4</b>	<b>Frame &amp; Body</b>	
4.1	Material of construction	Heavy Duty Steel Frame



4.2	Body / Hopper	Stainless Steel (S.S 304)
4.3	Volume	5 CuM.
4.4	Water tank	Stainless Steel (S.S 304)
4.5	Capacity water tank	620 Ltr.
<b>5</b>	<b>Overall Dimensions</b>	
5.1	Machine Length	5200 mm
5.2	Width	1850 mm
5.3	Height	2750 mm
5.4	Wheel Base	2900 mm
5.5	Turning radius	6000 mm
5.6	Dumping Height	1460 mm
5.7	Axle track	1555 mm
5.8	Total Length with 3rd Brush	6200 mm
<b>6</b>	<b>Weight</b>	
6.1	Net Weight	6000 Kgs.
6.2	Gross Weight	11000 Kgs.
<b>7</b>	<b>Sweeping System</b>	
7.1	Suction Nozzle	750 mm
7.2	Cleaning Width all 3 Brushes	3000 mm
7.3	Suction Wandering Hose	4 Meters length
<b>8</b>	<b>Performance</b>	
8.1	Sweeping Speed	0~12 Km/Hr
8.2	Gradeability Without load	30%
8.3	Gradeability With load	18%
<b>9</b>	<b>Suction System</b>	Straight Suction Thru Vacuum
9.1	Filter type	Pleated Bag Filters – PM 10 Compliant
9.2	Filter Cleaning	Reverse Compressed Air Jet purging



<b>10</b>	<b>Electrical</b>	
10.1	Alternator	24V DC
10.2	Battery	2 Nos.- 12V
<b>11</b>	<b>Indicators in panel</b>	
11.1	Engine oil Pressure	Provided
11.2	Engine Cooling liquid temperature	Provided
11.3	Fuel Gauge	Provided
11.4	Operation hour meter	Provided
<b>12</b>	<b>Cabin</b>	An All weather Driver`s Cabin with excellent operator visibility.
<b>13</b>	<b>Painting</b>	Automotive paint
<b>14</b>	<b>Steering</b>	Hydrostatic Controlled Four Wheel Steering.
<b>15</b>	<b>Braking System</b>	
15.1	Main Brakes	Hydraulically Operated with Disc Brakes in Front & Rear both.
15.2	Parking Brakes	Provided
<b>16</b>	<b>Tyre</b>	
16.1	Size	235/75 R 16

## TPS INFRASTRUCTURE LIMITED

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## TECHNICAL DATA

ENGINE		CHASSIS	
Power	150 HP	Length	5300 mm
Transmission	Hydrostatic	Width	2000 mm
SWEEPING		Height	2950 mm
Central brooms (Cylindrical)	Length - 1300 mm	Full Load Machine Weight	12500 Kg
Side Broom	Ø 850 mm	Load Capacity	5200 Kg
Sweeping Width		Seat	2
- Main Broom Only	1300	Cabin	All weather Driver's Cabin with excellent operator visibility
- Main + Side Broom	2600	Axle	2 (Rear Twin Axle)
- Main + Side + Front Extendable Broom	3500 mm	Drive	Rear
Sweeping speed	6-8 KM / Hour	Steering	Front with Power Steering
Hopper Volume	5.5 Cum	Tyres	Heavy Duty
Hopper dumping Height	2200 mm	Environmental Compliance	BS- IV
Dust Control	By water sprinkling nozzles	Painting	Reflective Radium Paint as per RTA specification
Water tank	500 liters		
Conveyor	Heavy duty construction		

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