

CLEANLAND



- Group Company of Shaktiman, which is a world leader in agricultural equipments with presence in over 80 countries.
- First co to manufacture road sweeping machine under the “Make in India” & “Swachh Bharat Mission”.
- **Tirth Hygiene Technology Pvt. Ltd (THTPL)** are manufacturers of “**CLEANLAND**” Road Sweeping Machines, completely designed, developed and made in India.
- Factory located in the enterprising town of Nadiad (Gujarat) in India.
- First in the industry to provide excellent after sales service and spares availability.
- First in the industry to provide online registration of service concerns and online purchase of spares to our clients
- More than 200+ machines across India.

The Machine



Cleanland - GL-Shakti-009-Premium PLUS



Engine Make
PERKINS 59
HP/44.70 kW

Steering
Hydraulic Actuator
Mounted

Type of Engine
Diesel

**Maximum Vehicle
Speed**
15 km/hr

**Effective Sweeping
Speed**
7-8 km/hr

**Gradeability of
Vehicle**
18°

**Sweeping Width
(With Side Broom)**
1822 mm

Sweeping Area
20200 Sq mtr/hr

**Central Broom
Length**
1422 mm

Volume Container
900 Ltr

Fuel Tank Capacity
40 Ltr

**Hopper Dumping
Height**
1560 mm

The Machine (Premium PLUS)

Sectional View



5.315 Ft. Hopper Uplift



Steering Area



Side Brush



Dumping



Hopper Filter



59 HP -Engine

The Machine (Premium PLUS)



Salient Features. Made for Indian Conditions

**Designed &
Manufactured in
India**

Especially designed for Indian harsh & heavily dust laden working conditions

Design Simplicity

M/c is extremely user friendly which allows operation with utmost comfort for extended periods of continuous working.

**Rugged
Construction**

Designed to with stand harsh Indian working condition. Ensures years of trouble free performance.

**Hydraulically
Operated**

Makes machine almost maintenance with extremely low running cost

**One Person
Operation**

Results in less requirement of labour & subsequently low manpower recurring cost.

Additional Features

- High Productivity with maximum time saving
- Variable dump height up to 1.5 mtr allows fast and quick disposal
- Excellent Maintenance access.
- Twin Highly Powerful Headlight & Spotlight for a clear view during night operation
- Sidelight & Mirrors to clearly help navigate on roads
- Battery charge warning light & hr mtr.
- Comfortable seating to ensure long stress free operator comfort

The Machine (Premium PLUS)

Live Demo images



FRONT VIEW



RIGHT VIEW



DUMPING



BACK VIEW



LEFT VIEW



CONTROL PANEL



Self Propelled Ride-On Sweeping Machine



Benefits for Customers

Automation

Automation in cleaning services ensures better productivity and efficiency and saving of time .

Quality of Cleaning

Manpower based cleaning is a cumbersome task and does not give the required quality of the cleaning and is not regular.

Zero Dust Premises

Zero or low dust in factory premises ensures longer life for plant and machinery and also for the health of employees.

Reduced Safety Concerns

The machine can easily replace cleaning work of 10-15 people. Low no of people ensures lower safety breaches, ensuring safety of lives.

Cost Benefit

The ROI of the machine can be recovered in short period

Company Image

Large premises when cleaned by automated machines adds to the image of organization amongst their customers , partners and stakeholders.

This machine is ideal for

- Cement Plant
- Ports
- Highway Maintenance
- Thermal Plants
- Chemical/Agro/Glass Factories
- Municipal Corporations
- Stadiums/Colonies /Religious places etc.

The Machine

Cleanland - GL-Shakti-009-Premium



Engine Make
Mitsubishi 35 HP

Steering
Hydraulic Actuator
Mounted

Type of Engine
Diesel

**Maximum Vehicle
Speed**
15 km/hr

**Effective Sweeping
Speed**
7-8 km/hr

**Gradeability of
Vehicle**
18°

**Sweeping Width
(With Side Broom)**
1523 mm

Sweeping Area
17095 Sq mtr/hr

**Central Broom
Length**
1219 mm

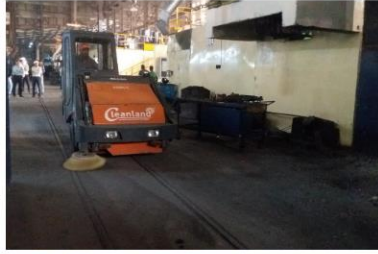
Volume Container
620 Ltr

Fuel Tank Capacity
25 Ltr

**Hopper Dumping
Height**
1560 mm

The Machine (PREMIUM)

Live Demo images



Making World More Hygienic

The Machine

Cleanland - GL-Shakti-009-Champion



Engine Make
Mitsubishi 35 HP

Steering
Hydraulic Actuator
Mounted

Type of Engine
Diesel

**Maximum Vehicle
Speed**
15 km/hr

**Effective Sweeping
Speed**
7-8 km/hr

**Gradeability of
Vehicle**
18°

**Sweeping Width
(With Side Broom)**
1523 mm

Sweeping Area
17095 Sq mtr/hr

**Central Broom
Length**
1219 mm

Volume Container
600 Ltr

Fuel Tank Capacity
25 Ltr

**Hopper Dumping
Height**
1560 mm

The Machine (CHAMPION)



Live Demo images



Making World More Hygienic

The Machine

Cleanland - VS-Shakti-6000



**Dust Collector
Capacity**
6 (Cu-m)6000 Ltr

Water Tank
500 Ltr

Dumping Height
1250 mm

Dumping Controls
In Cabin

**Collector
Mechanism**
Vacuum Based

Sweeping Width
3000 mm

**Side Brush
Diameter**
650 mm

Sweeping Area
30000 Sq mtr/hr

**Central Broom
Length**
2200 mm

Auxiliary Engine
105 HP @ 2200 rpm

**Gradeability of
Vehicle**
20°

**Effective Sweeping
Speed**
15 km/hr

The Machine

Sectional View



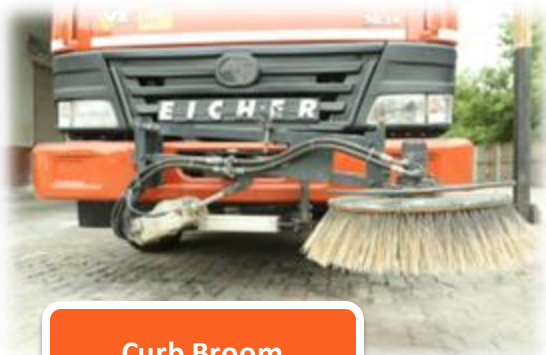
Main Broom &
Vacuum area



Steering Area



Side Brush



Curb Broom



Vacuum Hose



Aux Engine

The Machine (VS-Shakti-6000)



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Design Simplicity

M/c is extremely user friendly which allows operation with utmost comfort for extended periods of continuous working.

**Rugged
Construction**

Designed to with stand harsh Indian working condition. Ensures years of trouble free performance.

Vacuum Cleaning

Powerful vacuum ensures zero dust premises.

**One Person
Operation**

Results in less requirement of labour & subsequently low manpower recurring cost.

Additional Features

- Dust Control System High Efficiency Filtration & Automatic Filter Cleaning
- System Through Pulse Jet Air
- Hydraulic Vibrator Provided in Filter Chamber to Clean The Filter in Case of Heavy Chocking
- Water Spray Nozzles Provided at all Brushes with High Pressure Water Pump
- Powerful auxiliary engine
- Sidelight, Mirrors and Camera to clearly help navigate on roads
- Comfortable seating to ensure long stress free operator comfort

Demo Images (VS-Shakti-6000)



Our Growing Clients..



भौतिक अनुसंधान प्रयोगशाला  Physical Research Laboratory



Making World More Hygienic

Thank You

Making **World** More **Hygienic**

For any further assistance kindly write to us at enquiry@cleanland.co.in

Visit us at

www.cleanland.co.in

