

Stratus 600, rendering

STRATUS 600 CNG

Both engines on CNG.

The large Stratus for main roads, on clean fuel. No diesel on the machine.

Clean air and clear drains start on the road.
The sweeper that takes fine dust off the road.

STRATUS 600 CNG · ON SALE

STRATUS 600 CNG

Dust off the road. Gas in both engines.

An air blast drives the fine dust out of the road and a vacuum carries it into the hopper, shift after shift. The truck engine and the sweeper engine both run on CNG. There is no diesel on the machine.

Takes the fine dust off

Not pushed aside, not blown into the air: lifted out of the pores of the road and carried away.

Runs on clean fuel

CNG in both engines, filled at an ordinary CNG station, with very little soot all shift.



Ahead of the head: leaves, litter and dust. Behind it: a clean strip. Stratus 330 shown.

320+ km/h

Air blast into the road's pores, across the full 2,250 mm head.

2 × 144 hp

Ashok Leyland CNG engines: one drives the truck, one works the sweeper.

105 kg

of CNG on board. No diesel on the machine.

For main roads

Main roads, highways, ports, industry.

The Stratus 600 is the large Stratus: a 6 cum stainless-steel hopper and 3,000 litres of water for a long shift on wide, busy roads.

On sale now

CNG or diesel, the same machine.

The Stratus 600 CNG and the Stratus 600 Diesel are on sale. Ask for a demonstration and see what is in the hopper when it tips.

OVERVIEW

Clean roads. Clean fuel. One machine.

The Stratus 600 CNG takes the fine dust off main roads, and both its engines run on CNG. A 2,250 mm air-blast pickup head, a 6 cum stainless-steel hopper, 3,000 litres of water, six cameras, and no diesel on the machine.

AMERICAN ENGINEERING

Designed in the USA and India. Built in Pune.

Engineered with our design team at Spruce Up North America, and built at our plant in Pune.

SPRUCE UP NORTH AMERICA
NEW JERSEY

WHERE IT WORKS

Main and arterial roads
The large class of the Delhi-NCR norms: roads above 15 m.

Highways, ports and industry
Wide roads and long shifts, where a large hopper earns its keep.

WHY THE WORK MATTERS

Cleaner air
Road dust is the largest single source of Delhi's PM10.

Clearer drains
Silt taken off the road does not wash into the drains.

6 cum	3,000 L	3,500 mm	105 kg	6
STAINLESS-STEEL HOPPER	WATER ON BOARD	SWEEPING PATH WITH TWO BROOMS	CNG ON BOARD	CAMERAS, STANDARD

IN THIS BROCHURE

Five questions every buyer asks.

01	**Clean**	What takes the fine dust off the road?	04
02	**Clean fuel**	What runs on CNG, and where is it filled?	06
03	**Easy**	Can my crew work it?	08
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01 CLEAN

Where does the dust in the city's air come from?

From the road. Traffic grinds the dust on it finer and throws it into the air people breathe. Rain washes the rest into the drains. India's own source studies measure it.

The answer is to take the dust off the road, every shift: not push it aside, and not blow it back into the air.



Behind a Stratus: the swept strip. Stratus 330 shown.

56%

of the PM10 emitted in Delhi is road dust: the largest single source.

IIT Kanpur, for the Delhi Government, 2016

38%

of the finer PM2.5 emitted in Delhi is road dust, in the same study.

IIT Kanpur, 2016

86%

of the PM10 emitted in Lucknow is road dust thrown up again by traffic.

TERI, 2024

Into the air

The regulator names road dust first.

The Commission for Air Quality Management calls it "a dominant contributor" to PM10. Dust left on the road is ground finer by every wheel that passes, and lifted again. Cleaner air starts with the dust taken off the road, every shift.

Into the drains

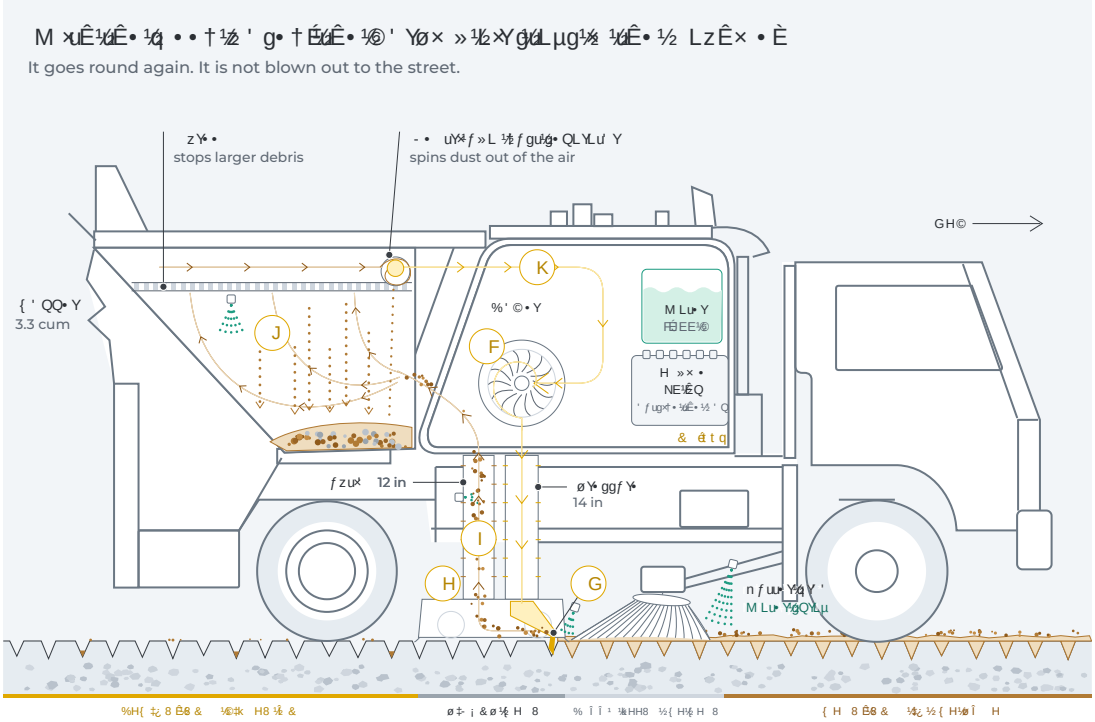
What traffic does not throw up, rain washes down.

Drain sediment "is limited by the degree of street sweeping" (NDMA, 2010). Silt left on the road goes into the drains with the next heavy rain. Silt and leaves swept up never reach the drain.

HOW THE STRATUS REMOVES IT

An air blast lifts the dust. A vacuum takes it away.

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Across the head

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Vacuum carries

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Dust drops out

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Air returns

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02 CLEAN FUEL

Two engines. Both on CNG.

A sweeper has two engines. One drives the truck. The other drives the blower, and it runs the whole shift, at walking speed, in the street. On the Stratus 600 CNG both run on CNG. No diesel on the machine.



Stratus 600, rendering

TRUCK ENGINE

144 hp

CNG · Ashok Leyland H4E6GT14

At 2,400 rpm. It drives the BS VI chassis.

SWEEPER ENGINE

144 hp

CNG · the same engine model

It drives the blower, and runs the whole shift at the kerb.

FUEL

105 kg

CNG on board

Filled at an ordinary CNG station. No diesel on the machine.

One engine, twice

One engine to learn.

Truck and sweeper each run an Ashok Leyland H4E6GT14 CNG engine of 144 hp.

A BS VI CNG truck

A chassis drivers know.

Ashok Leyland Ecomet 1615 TC CNG, 4×2, serviced by its maker's own dealers.

Clean-burning

Very little soot, all shift.

The sweeper engine works at the kerb all day, on gas.

Ask about both engines

Gas in one is not enough.

When a sweeper is offered as CNG, ask which engines run on gas. Here, both do.

THE NORM AND THE PUMP

CNG is named in the norm. And it is at the pump today.

One norm is written for road sweeping machines. It names CNG for the new fleet. The Stratus 600 CNG meets what it asks of any machine, and fills up where the city already does.

> “CNG-fuelled … MRSMs should be inducted in the new fleet for the sweeping operations.”
>
> Commission for Air Quality Management, norms for mechanized road sweeping machines (MRSMs), 10 February 2026, norm 1(vii). For every road-owning agency in Delhi-NCR.

A CNG sweeper is fully allowed for the new fleet.

	WHAT THE NORMS ASK OF ANY MACHINE	WHAT THE STRATUS 600 CNG BRINGS
✓	**An integrated water spraying system.**	29 spray nozzles and 3,000 litres of water, set high or low from the cab.
✓	**Dust filtration that prevents dust being thrown back into the air.**	Stratus keeps the dust from going back into the air without filter cartridges: a closed air loop, a centrifugal separator and water sprays.
✓	**At least 8 hours a shift, and about 40 running km.**	Designed and built for long shifts: 105 kg of CNG, 3,000 litres of water, and *PowerHold* pickup power to the last kilometre.

CNG IS AT THE PUMP TODAY

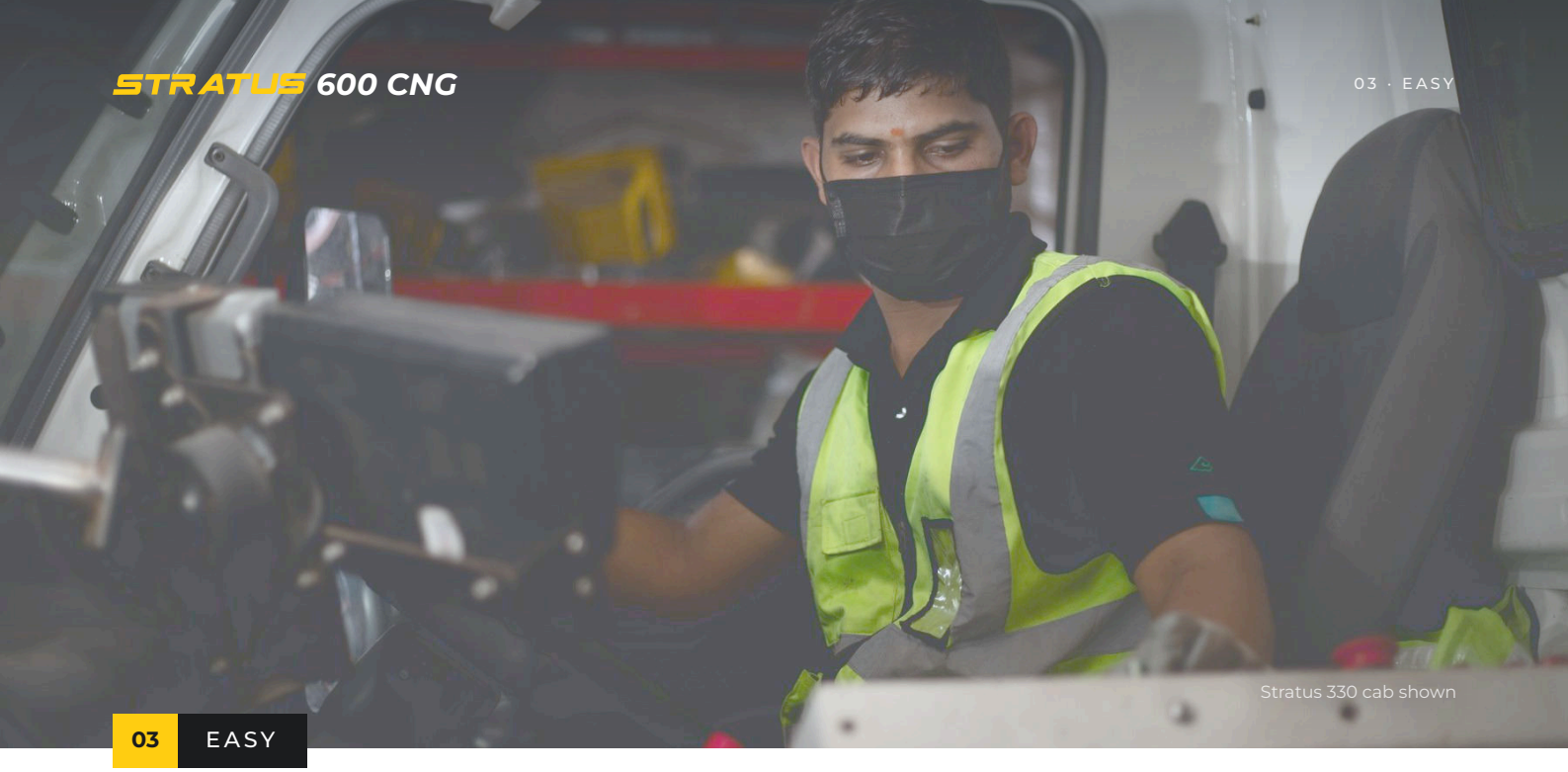
8,916
CNG stations in India on 31 March 2026 (PNGRB).

748
districts authorised for city gas, home to 99% of the people.

105 kg
of CNG on board, filled at an ordinary CNG station.

Clean fuel, ready now. CNG in both engines, filled where the city already fills up, with very little soot all shift.

The Delhi-NCR norms apply in the National Capital Region. Elsewhere they are a reference.



Stratus 330 cab shown

03 EASY

Can my crew work it?

Yes. Every function is one clear switch away in the cab, and the screens show it working. A driver learns by doing: press a switch, watch the machine answer. Operator training comes with every delivery.

Pickup head on one switch

Lift and lower from the seat.

One switch in the cab raises and lowers the pickup head, so the driver never leaves the seat to start or stop the sweep.

Brooms set from the cab

BroomPower, **standard.**

Each gutter broom has its own switch and its own sideways and up-and-down control. Its pneumatic down pressure is set from the cab.

Water by function

High or low, spray by spray.

Each spray function is switched and set on its own, so the crew uses the water the road needs and the tank lasts the shift.

A console read at a glance

Grouped by colour, labelled in plain words.

Large, sturdy buttons for each broom, the pickup head, water and floodlights. The right control is found without looking twice.

A WORKING DAY

01
Check
Readings and warnings are grouped, so the daily check is quick.

02
Sweep
Head down, brooms set and water on, all from the cab.

03
Unload
The hopper tips to 55° and empties at 1,500 mm.

04
Refuel, refill
CNG at an ordinary CNG station; 3,000 litres of water.

05
Wash down
The 100 bar washer cleans the hopper; the drain lets it out.

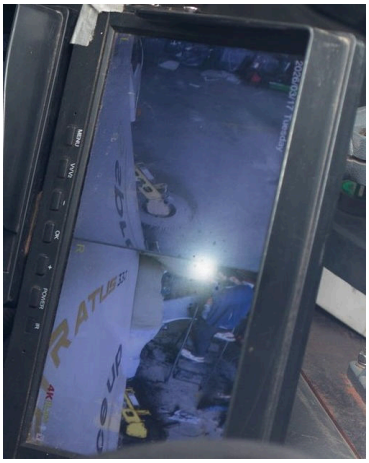


Alarms, lights and broom controls, grouped by colour and labelled in plain words. Stratus 330 cab shown.

CAMERAS

Six cameras. The whole job in view.

Six cameras on two screens, standard on every Stratus. From the driver's seat the crew sees what mirrors cannot: among them the pickup head, both gutter brooms, the rear and the air-bleed outlet.



Both broom views on one screen. Stratus 330 cab shown.

- **Pickup head.** What is coming to the head, so nothing is missed.
- **Left and right brooms.** Both kerbs in clear view, even the far one.
- **Rear.** For reversing and for the dump point.
- **Air-bleed outlet.** Its setting in view from the seat.

Sweep by sight

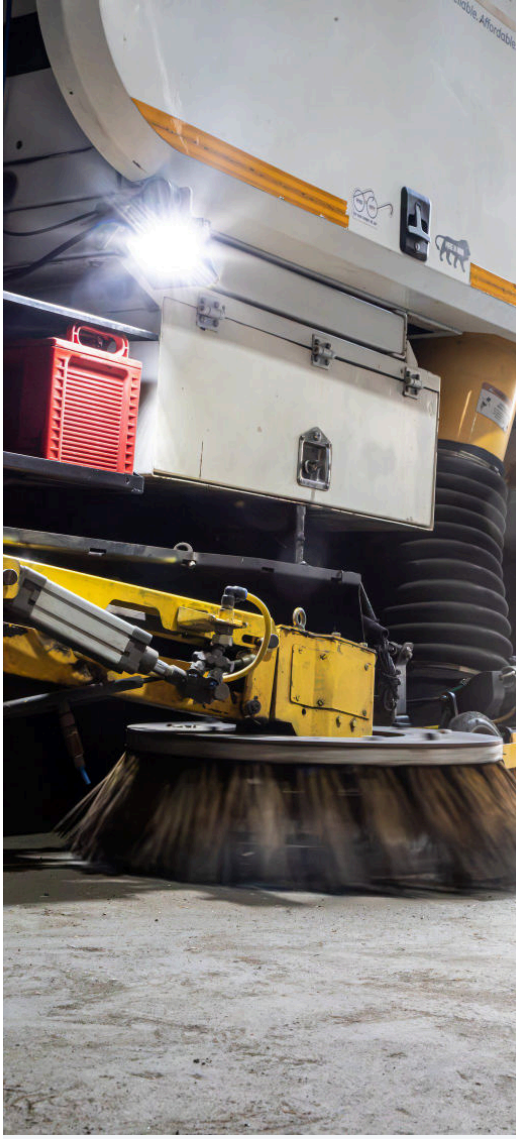
The working broom stays in view at the far kerb, where a mirror cannot show it. The driver sweeps close to the kerb, first time.

Back up with care

The rear camera shows the road behind when reversing and at the dump point, so the crew backs up with care.

Operator training.

Operator training comes with every delivery, at the wheel of the machine, so a new crew works with confidence from the first shift. Further training can be bought when crews change.



Lit for night work

LED floodlights at each gutter broom, front and rear. Each broom light has its own switch, so the kerb and the brooms stay in clear view.



Seen by traffic

Two hazard lights and arrows high on the hopper tell following traffic which side to pass. Photographs: Stratus 330.

Low-dump hopper

Six cum, emptied at low level.

The 6 cum stainless-steel hopper tips hydraulically to 55° and empties at 1,500 mm at the dump point. A shaker motor frees what clings to the walls, so it empties clean.

AquaReserve water system

Water for the whole shift.

3,000 litres in stainless steel, enough water for the whole shift. 29 spray nozzles, and each spray function is set high or low from the cab.

ClearFlow filtration

Clean water at every nozzle.

A bag filter, two mesh and two screen filters clean the water before it reaches the nozzles. On low water the pump motor shuts down to protect its rollers.

Doors and drain

Opened and washed out in one go.

Three access doors open the hopper, the grille and the dust collector for cleaning. A bottom drain lets the wash water out of the hopper at the dump point.



The hopper tips hydraulically at the dump point, worked from the ground. Stratus 330 shown.

BEYOND THE PICKUP PATH

More cleaning from the same machine.



A gutter broom and the pickup head, set down on the road. Stratus 330 shown.

Litter picker

For railings and medians.

A wander hose, 6 in across and 8 ft long, with a gulper tool, reaches what the head cannot.

High-pressure washer

100 bar on board.

A triplex-pump washer cleans the hopper and the machine at the end of the shift.

Forward and reverse

Sweeps both ways.

Sweeps in reverse too, without damage to the pickup head, into corners and bays.

MonsoonReady

No idle season.

Specified for dry roads, wet roads and the monsoon, with water on board for each.



Stratus 330 shown

04 DURABLE

Will it last?

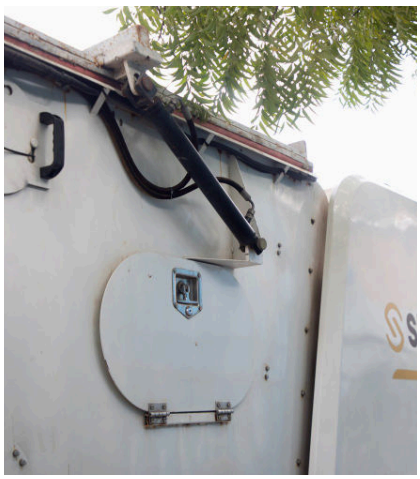
It is designed and built for daily shifts in dust, heat and monsoon. *DuraBuild*: the right material in every zone of the machine, and protections that act before damage is done.



WHERE DEBRIS HITS

Hardox wear steel

The blower, a closed-face turbine with ten curved blades, is Hardox. So are the drag shoes and the transfer duct that turns the debris into the hopper.



WHERE WATER SITS

Stainless steel

The 6 cum hopper and the 3,000 litre water tank are stainless steel, so wet silt and spray water do not eat into them.



WHERE KNOCKS COME

Parts that give way

Hit a kerb or a divider and the gutter broom swings rearward, out of harm's way. Hopper panels bolt on and are changed one at a time.

Blower housing, hopper door and broom arm of the Stratus 330.

Four protections act first.

Automatic shut-off on low water, to protect the pump, and on engine overheating. Alarms in the cab for hot hydraulic oil and for low hydraulic oil. A small fault is stopped before it becomes a breakdown.

DURABUILD

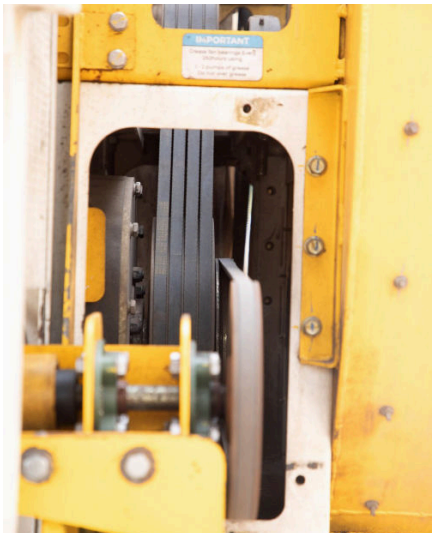
Along the debris path.

From the road to the blower, every surface the debris stream touches is hard-wearing or replaceable.

1. **Drag shoes** — Hardox
2. **Suction hose** — 14 in, heavy-duty rubber
3. **Transfer duct** — Hardox
4. **Hopper** — Stainless, bolt-on panels
5. **Blower** — Hardox, 32.75 in
6. **Blower casing** — Bolt-on rubber liner



Heavy rubber suction hose, built for grit, stone and silt.



Heavy-duty V-belts drive the blower from the sweeper engine.



Hydraulics and service points grouped in one bay. All three: Stratus 330.

ThermoGuard hydraulic protection

Cool, clean, steady oil through long shifts in Indian heat: an oil-to-air radiator, a 100 litre reservoir, a 150 bar pressure limit, and shut-off valves for a clean filter change.

Premium components

Ashok Leyland engines in the truck and the sweeper. Industrial-grade buttons on the console. Hydraulics, seals and connectors from established makers.

Built to be serviced

Readings, warnings and service points are grouped so the daily check is quick, and wide covers open the engine bay and the water system.

Heavy-duty drive

Heavy-duty V-belts drive the blower from the sweeper engine. A gear pump drives the brooms, the lifts and the water pump.

WHAT IT COSTS TO RUN

Fewer parts to buy, shift after shift.

No centre broom

The air blast does its work, so there are no centre-broom bristles to wear out and buy.

No filter cartridges

A separator and water sprays clean the working air. No cartridges to clean or replace.

Bolt-on wear parts

Hopper panels and the blower-casing liner bolt on and are changed one at a time.

One engine model

The same Ashok Leyland CNG engine in the truck and the sweeper: one engine for the workshop.

Discuss operating costs. Fuel, water and wear parts for your shifts, worked out with you before you buy.

TECHNICAL DATA

Specifications

STRATUS 600 CNG

SWEEPING SYSTEM

Principle	Air-blast vacuum, closed-loop regenerative air
Air blast	320+ km/h
Centre broom	None needed
Sweeping path	2,250 mm head only · 3,500 mm with brooms
Pickup head	14 in hoses, Hardox drag shoes, one cab switch
Speed	5 to 10 km/h. Sweeps forward and in reverse

HOPPER

Capacity	6 cum, stainless steel
Dump height · angle	1,500 mm · 55°
Emptying	Hydraulic tipping with shaker motor

BLOWER

Type	Closed-face turbine, 10 curved blades
Size · material	32.75 in · Hardox
Drive	Heavy-duty V-belts

SWEEPER ENGINE AND HYDRAULICS

Engine	Ashok Leyland H4E6GT14, auxiliary CNG
Power · fuel	144 hp @ 2,400 rpm · 105 kg CNG
Hydraulics	Gear pump, 100 L, oil-to-air radiator
Pressure limit	150 bar; shut-off valves for filter change

GUTTER BROOMS

Brooms	2, vertical digger type, 850 mm
Drive · pressure	Hydraulic motor · pneumatic, set from the cab
Protection	Swings rearward to help prevent damage

WATER AND DUST SUPPRESSION

Water tank	3,000 L, stainless steel
Spray nozzles	29, each function set high or low
Pump	Hydraulic roller pump, 70 PSI, 25 L/min
Filtration	Bag filter, 2 mesh and 2 screen filters

CHASSIS AND SIZE

Chassis	Ashok Leyland Ecomet 1615 TC CNG, 17 ft
Chassis engine	H4E6GT14 CNG, 144 hp @ 2,400 rpm
Fuel	CNG only, 105 kg on board. No diesel
Standard · axles	BS VI · 4×2
Gross weight	16,100 kg
Wheelbase · turning	3,970 mm · 7,350 mm radius
L × W × H	7,050 × 3,500 × 3,200 mm

CAB, CAMERAS, LIGHTS AND SAFETY

Switches	Each broom, pickup head, water, lights
Cameras	6 on 2 screens, standard. Views include the pickup head, two brooms, rear and air-bleed outlet
Work lights	LED, at each broom, front and rear
Shut-offs	Low water (protects the pump); engine overheat
Alarms	Hydraulic overheating; low hydraulic oil

SPRUCE UP NORTH AMERICA · NEW JERSEY

Designed in the USA and India. Built in Pune.

THE STRATUS RANGE

Stratus 600 CNG
Main roads, highways, ports, industry. CNG in both engines
ON SALE

Stratus 600 Diesel
The same machine on diesel. 6 cum · 3,000 L
ON SALE

Stratus 330 Diesel
City, service and smaller roads. 3.3 cum · 1,500 L
AVAILABLE

Stratus 330 CNG
The smaller Stratus, on CNG
COMING

Coming: Stratus 600 Airport and Stratus 900. If you need help choosing, we can carry out a road site analysis and give you a report.

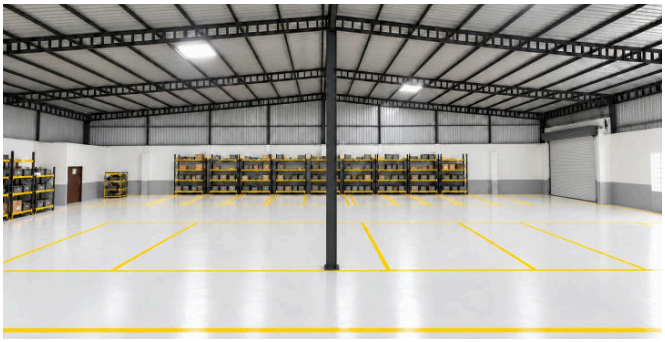
From Spruce Up's specification sheet for the Stratus 600 CNG, 18 November 2026. Width is with both gutter brooms fully out. Specifications may change; confirm against the current technical datasheet for your order.



05 AFTER-SALES

Your machines. Our commitment.

The people who design and build the Stratus look after it, from India, with our own service team. We stock parts in Pune and ship them across India, ready to go: no wait for imports, as with a machine bought from abroad.





All three: Spruce Up factory and parts store, Pune.

Operator training

With every delivery, at the wheel of the machine. More can be bought when crews change.

We service what we build

Our own service team, from the people who design and build the Stratus.

Video calls with our engineers

See the problem together, on a video call through ReadyConnect.

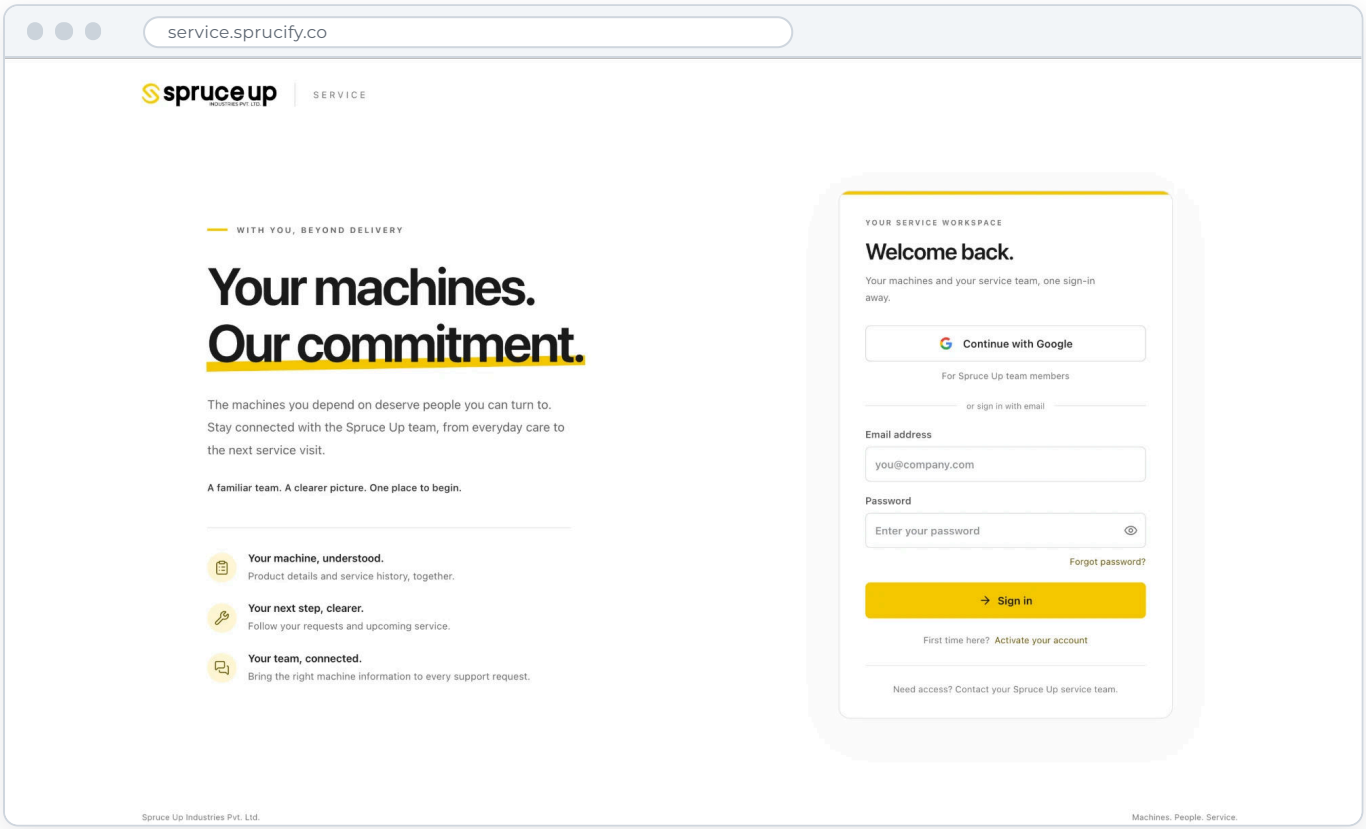
Support from India

Fast, from Pune, with no wait for parts to come from abroad.

THE SPRUCE UP READY SYSTEM

Ready for the next shift.

Our after-sales system, in four parts. ReadyConnect and ReadyParts are working today. ReadyGuide and ReadySense are coming.



ReadyConnect at service.sprucify.co

ReadyConnect

AVAILABLE

Our support layer, online.

Your own platform: book service, see machine logs and scheduled servicing, buy parts, reach our team, and talk to our engineers on a video call.

ReadyConnect: service.sprucify.co

ReadyParts

AVAILABLE

The right part, in stock.

We stock parts in Pune and ship them across India, ready to go. Order through ReadyConnect or the parts shop.

ReadyGuide

COMING

Guidance matched to the machine.

Practical operating and service guidance for operators and technicians.

ReadySense

COMING

Early warning.

Early warning of developing problems, so the team knows what to do next.

The Ashok Leyland chassis is also looked after by Ashok Leyland's own dealers. The scope and terms of service and warranty are set out in Spruce Up's offer for each order.



Stratus 330 shown

TALK TO SPRUCE UP

Ask for a demonstration.

See the air blast lift the dust, and see what is in the hopper when it tips. We will also talk through operating costs, service and training.

+91 89562 20394 info@spruce-up.com spruce-up.com

SPRUCE-UP.COM



Stratus 330 sweeping in dry, wet and rainy conditions
Spruce Up on YouTube · 7:05 · Stratus 330 shown

SEE IT IN ACTION

Watch the Stratus 330 at work

Scan, or visit youtu.be/H6QVIjeCDMk

spruce up INDUSTRIES PVT. LTD.

Machines that Spruce Up the world.

We design and build state-of-the-art machines for the problems that matter: garbage, dust, air pollution, water-logging.

2015	350+	60+	24	5
BUILDING MACHINES SINCE	MACHINES DEPLOYED	MUNICIPALITIES	STATES	COUNTRIES

The company record is Spruce Up's, across all its machines.

Sources: CAQM norms for mechanized road sweeping machines, 10 Feb 2026; IIT Kanpur, 2016; TERI, 2024; NDMA, 2010; PNGRB, 31 Mar 2026; Spruce Up specification sheet, Stratus 600 CNG, 18 Nov 2026.

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