spruce up
INDUSTRIES PVT. LTD.

MODEL BROCHURE
INDIA · 2026



Stratus 600, rendering

STRATUS 600

Clean air and clear drains start on the road.

The sweeper that takes fine dust off the road.

Stratus air-blast vacuum sweeper · 600 Diesel and 600 CNG

For main city roads, highways, ports and industry. **On sale now.**

CAPABLE · EASY · RELIABLE · AFFORDABLE



Stratus 600, rendering. Side view: the gutter broom ahead of the front axle, the 2,250 mm pickup head between the axles.

STRATUS 600 · ON SALE NOW

The sweeper that takes fine dust off the road. In the 6 cum size.

Six cum is the hopper large tenders specify for main city roads, highways, ports and industry. The Stratus 600 carries it in stainless steel, with 3,000 litres of water and an air-blast pickup head 2,250 mm wide. Choose it on diesel, or fully on CNG.

Stratus 600 Diesel

On an Eicher Pro 2116T BS VI truck. A Perkins 1104C-44T engine of its own, 90 hp, runs the sweeping equipment.

Stratus 600 CNG

On an Ashok Leyland Ecomet 1615 TC CNG truck. Truck and sweeper each run on a 144 hp Ashok Leyland CNG engine.

STRATUS AIR-BLAST VACUUM SWEEPER

Clean air and clear drains start on the road.

The Stratus 600 blasts road dust loose with air and vacuums it away across a 2,250 mm pickup head. Two gutter brooms widen the path to 3,500 mm. It carries a 6 cum stainless-steel hopper and 3,000 litres of water, for long stretches between stops.

WHERE IT WORKS

Main city roads and highways
Arterial roads, flyovers, shoulders and kerb lines.

Ports
Spillage, silt and dust on yards and approach roads.

Industry
Plant roads, estates and large campuses.

WHY THE WORK MATTERS

Less dust in the air.
Road dust is collected before traffic lifts it again.

Less silt on its way to the drains.
What stays on the road in May is in the drain in June.

More road for each shift.
A large hopper and tank mean fewer trips to unload and refill.

6 cum	2,250 mm	3,500 mm	3,000 L	320+ km/h	29
STAINLESS HOPPER	CLEANED BY AIR	SWEEPING PATH	WATER	AIR BLAST	SPRAY NOZZLES

IN THIS BROCHURE

The four questions every buyer asks.

01	**Capable**	Can it do the work my contract requires?	07
02	**Easy**	Can my crew work with it effectively?	10
03	**Reliable**	Can I depend on it to keep doing the job?	12
04	**Affordable**	What will useful work actually cost me?	14

How it works 04 · The shift 06 · After-sales 16 · Specifications 18 · Demonstration 19

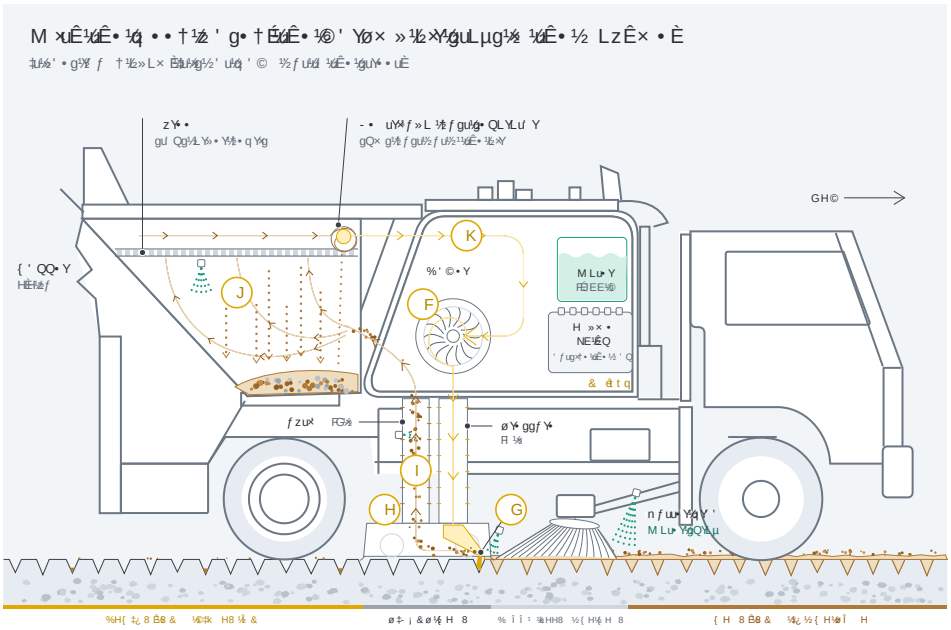
SPRUCE UP NORTH AMERICA · NEW JERSEY

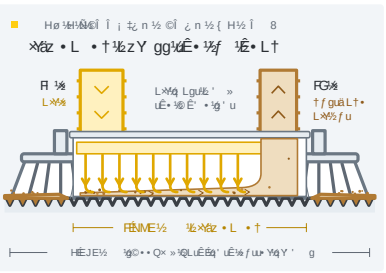
Designed in the USA and India. Built in Pune.

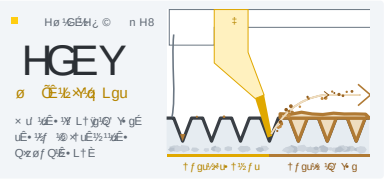
HOW A STRATUS CLEANS

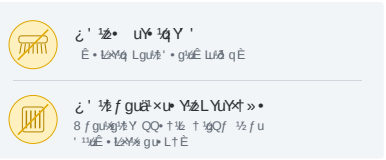
One stream of air does the sweeping.

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Blower

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I

Suction hose

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J

Hopper

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K

Back again

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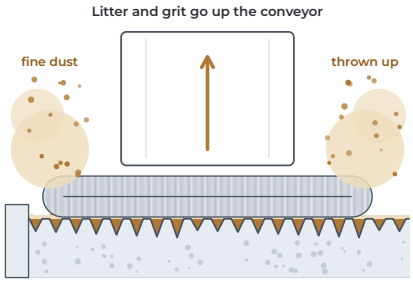
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WHY AIR

A broom pushes fine dust around. Air takes it off the road.

Bristles push fine dust into the air, the road's pores and the drain. Of the three ways to sweep by machine, the air-blast vacuum lifts it out by air.

1 BROOM-TYPE SWEEPER
Moves the dust.

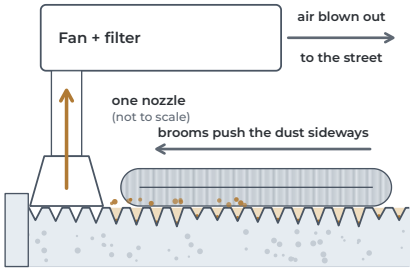


Brushed only. The fine dust stays in the pores.

WHERE THE DUST GOES

- **INTO THE AIR** — Fine dust is thrown up as the bristles pass.
- **LEFT ON THE ROAD** — Fine dust stays in the pores, on its way to the drain.
- **INTO THE HOPPER** — Litter and grit.

2 SUCTION-ONLY SWEEPER
Air at one nozzle only.

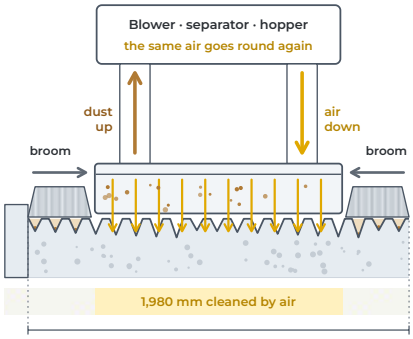


Air | Brushed, not air-cleaned

WHERE THE DUST GOES

- **INTO THE HOPPER** — What the brooms bring to the nozzle.
- **ON THE ROAD** — The rest of the width is brushed, not cleaned by air.
- **INTO THE AIR** — Its air is filtered, then blown out to the street.

3 AIR-BLAST VACUUM · STRATUS
Removes the dust.



1,980 mm cleaned by air

3,050 mm sweeping width, two gutter brooms

- **INTO THE HOPPER** — Dust, silt, leaves and litter.
- **ON THE ROAD** — Dust lifted out of the pores across the full pickup head.
- **THE AIR** — With the bleed closed, the working air stays in the machine.

The Stratus column is drawn from the Stratus 330, to scale. The other two methods are drawn in principle, not to any maker's dimensions.

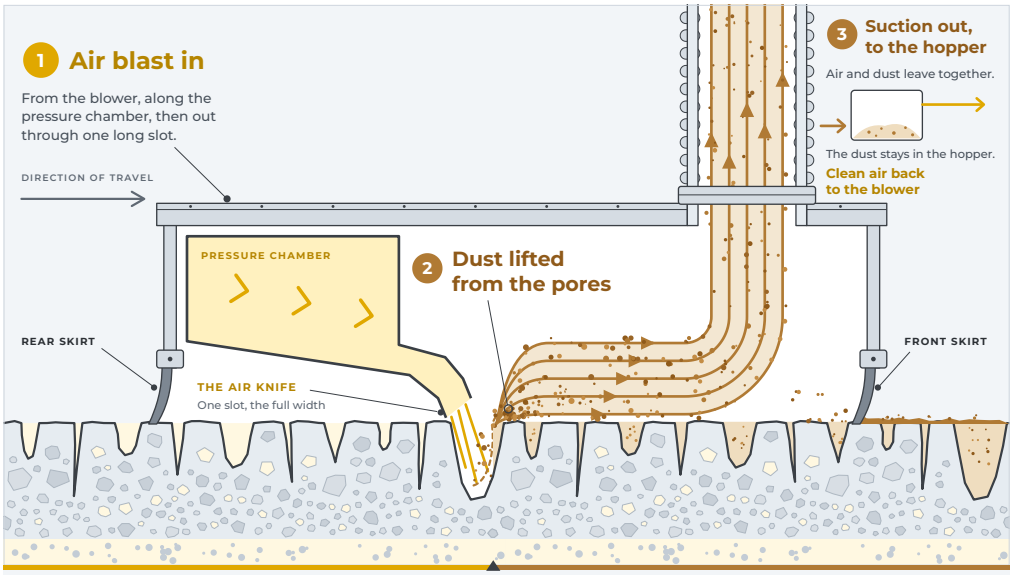
STORMFORCE AIR KNIFE

Air goes into the pores.

320+ km/h AIR-KNIFE BLAST

80 mbar SUCTION PRESSURE

2,250 mm ONE SLOT, THE FULL HEAD

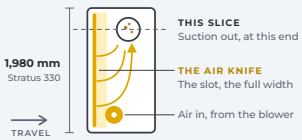


BEHIND THE KNIFE: DUST LIFTED OUT
The dust is lifted out of the pores, not pushed along the road or pressed deeper into it.

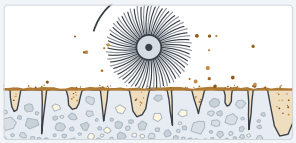
UNDER THE PICKUP HEAD
Air blast and suction work together. Flexible skirts seal the chamber. No centre broom.

AHEAD OF THE KNIFE: DUST LODGED
Fine dust packed into the pores and cracks, below the reach of any bristle.

SEEN FROM ABOVE



THE SAME ROAD UNDER A BROOM



Bristles ride over the top. Dust stays in.

Pressed into the pores, or flicked into the air to settle again.

The sweeper that takes fine dust off the road.

Air blast and suction work together across the full pickup head: 1,980 mm on the Stratus 330.

STRATUS AIR-BLAST VACUUM SWEEPER

Clean air in yellow; road dust in ochre. Drawn in principle on the Stratus 330 head; the Stratus 600 head is 2,250 mm wide.



The external pendant: hopper up and down, shaker and washer, worked from beside the hopper. Stratus 330 shown.

3,000 L of water in a stainless-steel tank, fed to 29 spray nozzles at the brooms, the pickup head, the suction hose and the hopper. Each spray function is set high or low from the cab.

THE WORKING SHIFT

A working shift, start to finish.

Sweeping is one part of the shift. The Stratus 600 is designed so the checks before it, and the unloading, refilling and cleaning after it, are just as simple to repeat.

01

Check

Coolant, hydraulic oil level and oil temperature are read at one central service station.

02

Sweep

Air and two gutter brooms do the cleaning, at 5 to 10 km/h. The operator sets the blast and watches the brooms on screen.

03

Unload

The 6 cum hopper tips to 55° at low level. A shaker motor frees wet, sticky silt.

04

Refill

The tank fills from the ground, from a tanker or an overhead point. Nobody climbs onto the machine.

05

Wash down

The 100 bar washer on board cleans the hopper where it is emptied.

Capable on the road.

Easy for the crew.

Reliable across shifts and seasons.

Affordable to keep working.



Ahead of the head: leaves, litter and dust. Behind it: a clean strip. Stratus 330 shown; the Stratus 600 uses the same 850 mm gutter brooms.

01 CAPABLE

Can it do the work my contract requires?

Dry dust, wet silt, leaves and mixed litter: the Stratus 600 is built to take what a main road carries off the road, kerb to kerb, in every season, with its pickup power held to the end of the shift.

3,500

mm sweeping path

With both 850 mm gutter brooms out. The pickup head alone cleans 2,250 mm by air. Sweeping speed 5 to 10 km/h.

StormForce air-knife pickup with *SuperFine* finish

Not one narrow nozzle: blast and vacuum across the full head.

- A sheet of air leaves one long slot and reaches into the road texture, lifting fine dust and embedded material.
- Air blast and vacuum work together across the whole 2,250 mm head, so the middle of the lane is cleaned by air.
- *SuperFine* finish: the central cleaning is done by air. No centre broom is needed.

BroomPower at the kerb

Two vertical digger brooms, each with its own lateral and vertical control. Down pressure is set from the cab: dig into caked kerb silt, or ease off to save the bristles.

Dry dust

Lifted out of the road's texture, not just the grit on top.

Wet silt

Picked up in the rains, sticky material included.

Leaves

Heavy wet leaves at full blast; ease the bleed for dry ones.

Spillage and litter

Up the suction hose with the dust. A hose reaches the corners.

MonsoonReady year-round sweeping

No idle season. Wet roads and the monsoon included.

The blast and the vacuum pick up heavy wet leaves, silt and sticky material in the rains, and dry dust the rest of the year, with the same machine and setup.

PowerHold sustained sweeping power

The same pickup at the end of the shift as at the start.

The working air is cleaned by the hopper, a grille, a centrifugal separator and water sprays. No filter media loads up and chokes the airflow.

ZeroExhaust working air

The dust-carrying air stays inside the machine.

With the bleed closed, the air that lifted the dust returns to the air knife instead of being blown out to the street. Water sprays hold the dust down.

CityFit 6 cum in 6.5 m

The big hopper without the big length.

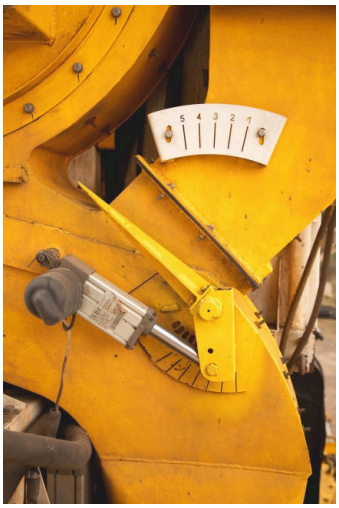
The Stratus 600 Diesel carries 6 cum and 3,000 L in a machine 6,500 mm long that turns in 6,650 mm: at home at junctions, medians and plant gates. The 600 CNG is 7,050 mm long.



The working gear between the axles: gutter broom, pickup head, suction hose. Stratus 330 shown.

MATCHED TO THE MATERIAL

Tune the sweep from the cab.



The air bleed: a pointer on numbered markings, seen by its own camera. Stratus 330 shown.

Variable air bleed

Full blast for dust and silt, gentler for light leaves: 0 to 100% from the cab.

AirPause

No blast when the machine is not sweeping, so no dust is stirred up at a signal.

Broomless mode

A mode the operator can activate where the kerb is clear: brooms raised, the head sweeps on air alone.

DustShield

A full metal guard under the machine steers broom dust into the pickup head and away from the engine bay.

PRODUCTIVITY

More of the shift on station.

A large hopper that empties at low level, and twice the water of the compact Stratus: more kilometres between the dump point and the hydrant.

6 cum	55°	1,650 mm	1,500 mm	3,000 L
HOPPER	TIPPING ANGLE	DUMP HEIGHT, DIESEL	DUMP HEIGHT, CNG	WATER

Low-dump hopper

Six cum emptied simply, at low level.

- **Stainless steel.** Stands up to wet silt, wash water and the monsoon.
- **Hydraulic tipping to 55°,** discharging at 1,650 mm (1,500 mm on the CNG).
- *PowerShake*. A shaker motor frees what sticks, at the touch of a button.
- **External pendant.** Up, down, shake and wash from beside the hopper.
- **Self-opening door.** It opens as the hopper tips.

AquaReserve water system

Water for the whole shift.

- **3,000 litres,** in a stainless-steel tank.
- **Multi-zone dust suppression.** 29 nozzles; each spray function set separately, high or low.
- **Filled from the ground.** A tanker or an overhead point, without climbing up.
- **Protected pump.** The pump stops before it can run dry.
- *ClearFlow*. A bag filter and screen filters keep the nozzles clear.

BEYOND THE PICKUP PATH

More cleaning from the same machine.

Litter-picker hose

A 6 in wander hose, 8 ft long, with a gulper tool, for deposits beside railings and medians.

High-pressure washer

A triplex piston pump on board: 100 bar, 8 L/min, for the hopper and the machine.

Forward and reverse

The pickup head sweeps going forward and in reverse, without damage. One switch lifts and lowers it.

All weather

Dry roads, wet roads and the monsoon: one machine, one setup, all year.



02 EASY

The operator's console and screens. Stratus 330 shown.

Can my crew work with it effectively?

A driver becomes a sweeper operator after basic training. Every function is one clear switch away, and every working area is on screen at the seat.

Six cameras. Two screens.

Standard on every Stratus.

Six cameras feed two dedicated screens. They watch each gutter broom at the kerb, the pickup head, the rear for reversing and dumping, and the air-bleed pointer.

BroomSight portrait display

The working broom stays in view, even at the far kerb.

The working broom's camera fills a portrait screen, where mirrors cannot show it. What moves on the screen moves the same way on the road, so the operator adjusts by instinct.

Machine protection alerts

One cab panel groups the hydraulic, engine air-filter and water warnings, so a small fault is caught before it becomes a long stop.



Large, sturdy Schneider buttons, grouped by colour and labelled in plain words. Stratus 330 shown.

CONTROLS

One switch, one function.

Press a switch and watch the machine answer on the screens. Each gutter broom, the pickup head, the water and the floodlights has its own switch, so a new operator learns by doing.

BroomPower from the seat

Pneumatic broom down pressure, standard on every Stratus: more for caked silt, less to save the bristles.

Water where the dust is

Each spray function is set high or low, and the water level shows in the cab.

One switch for the head

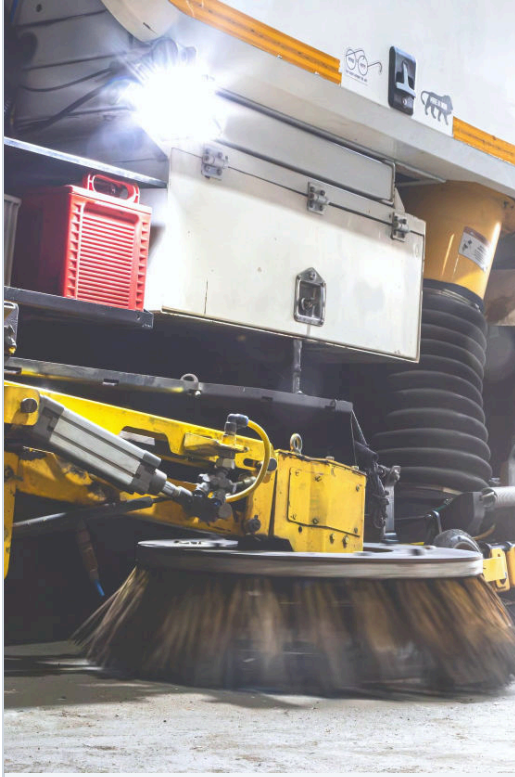
Lowers the pickup head to sweep and lifts it to travel. It sweeps forward and in reverse.

Engine speed at hand

Ease back on light stretches; bring in full power when heavier material is ahead.

Ready. Set. Sweep.

The sweeper engine's controller shows speed, battery, oil and coolant, with fault warnings, in front of the operator. Operator training comes with every delivery.



Night work lighting

LED floodlights at each gutter broom, front and rear, each broom light on its own switch. The kerb and the dumping point stay in view, and the light is placed to keep glare out of the cameras.

Seen by traffic

Two hazard lights and large arrows high on the hopper show following traffic which side to pass.

Picture above: gutter broom at night. Stratus 330 shown.



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



Heavy steel fan housing in the working-air path.



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

03 RELIABLE

Can I depend on it to keep doing the job?

A sweeper earns nothing standing in the yard. *DuraBuild* construction asks, zone by zone, what each part takes every shift, and answers with the material.

LOAD

Strong where the loads are highest

- Heavy-duty steel pickup head, for rough roads, forward and in reverse
- Twin-bearing fan support
- A pump drive that keeps belt loads off the hydraulic pump

CORROSION

Protected where water attacks

- Stainless-steel hopper
- Stainless-steel water tank
- Covered broom drives, shielded from road dirt

ABRASION

Armoured where debris hits

- Hardox drag shoes, transfer duct and fan
- Heavy rubber suction hose
- Rubber liners in the hopper and fan casing

4 protections that act first

The water pump stops before it runs dry. The engine shuts down if it overheats. The cab warns of hot and of low hydraulic oil.

DURABUILD

Along the debris path.

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

1. **Drag shoes** — Hardox
2. **Suction hose** — Heavy rubber
3. **Transfer duct** — Hardox
4. **Hopper inlet** — Bolt-in
5. **Hopper lining** — Bolt-on rubber
6. **Fan** — Hardox, 10 blades
7. **Fan casing** — Rubber liner

Known components

Proven makes inside.

A Perkins 1104C-44T sweeper engine on the 600 Diesel; Ashok Leyland CNG engines on the 600 CNG. Trucks from Eicher and Ashok Leyland. Schneider buttons on the console. Hydraulic valves, cylinders, seals and hoses chosen for long shifts.

A heavy-duty fan

The heart of the air blast.

A closed-face turbine with 10 curved blades, 32.75 in across, in Hardox, driven by heavy-duty V-belts on twin bearings. One fan makes both the blast and the vacuum.

ThermoGuard hydraulics

Cool, clean oil through long shifts in Indian heat: an oil-to-air cooler, return filtration and a baffled 100 litre tank, with the pump fed from below it. Shut-off valves make a filter change a clean job.

ClearTrace wiring

A light at each valve coil shows a command has arrived. Built-in diodes absorb switching spikes, one labelled fuse panel names every circuit, and the wiring runs by zone.

Designed to wear intelligently.

The parts that meet the road are the parts designed to be changed, one at a time, in the yard. The body stays, and the machine is back for the next shift.

SPRUCE UP NORTH AMERICA · NEW JERSEY

Designed in the USA and India. Built in Pune.

Spruce Up North America is our design team in the USA. The Stratus draws on the USA for its design, components and benchmarking, and is built and serviced in India by the company that designed it.

04 AFFORDABLE

What will useful work actually cost me?

Useful work costs fuel, water, labour, consumables, maintenance and the hours lost when the machine stands. The Stratus 600 is designed to take cost out of each, starting with the parts it does not have.

No centre broom.

The air blast does that job. No centre-broom bristles to wear down, adjust or replace, and no machine off the road for a broom change.

No dust-filter cartridges.

The hopper, a grille, a centrifugal separator and water sprays clean the working air. Nothing to soak, shake out or buy again.

The water, engine and hydraulic filters stay.

WEAR PARTS AND HOW TO SPARE THEM

Replace the part, not the assembly.

BroomPower

Ease the broom pressure when a light touch will do. Bristles last longer.

Broom bristles

Replaceable, and usable down to about 3 to 4 inches.

Drag shoes

Hardox skids take the road's abrasion. One spare fits either side.

Rear skirt

Plain rubber sheet, held by clamps. No holes, no bolts.

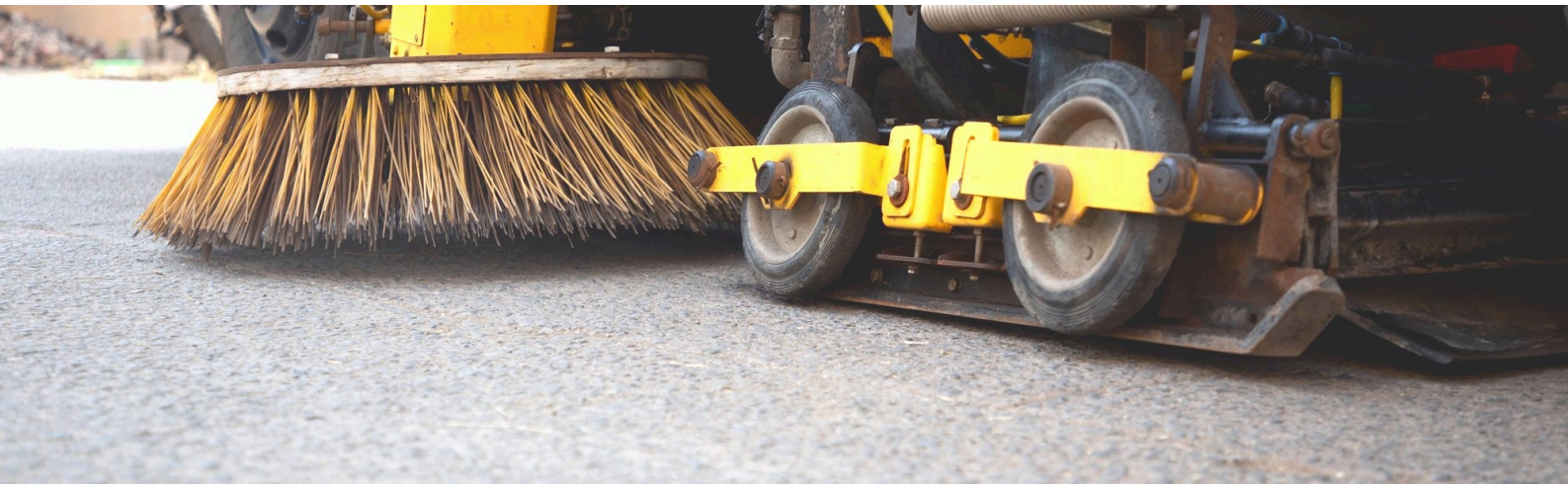
Liners and inlet

Rubber liners and a bolt-in hopper inlet renew as service parts.

A conventional truck platform.

The Stratus 600 sits on a standard BS VI truck: the Eicher Pro 2116T, or the Ashok Leyland Ecomet 1615 TC on CNG. Drivers know it, and the chassis maker's dealers service it with ordinary parts.

Drag shoes, rear skirt and broom bristles: made to be changed. Stratus 330 shown.



EASE OF MAINTENANCE

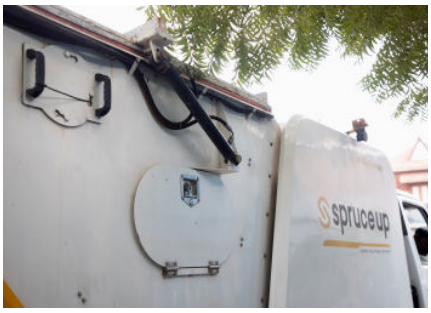
Upkeep that fits inside the shift.

A check that means opening covers gets skipped, and skipped checks are how machines end up standing. On a Stratus the routine round is done at one spot.



Central service station

Coolant, hydraulic oil level and temperature are read with the covers shut. Gas-assisted gull-wing covers open the engine bay wide.



Hopper cleanout

Three access doors open the hopper, grille and dust collector in one session. Two side doors look in from the ground.



Everything opens up

Cab tilted, covers raised: chassis and sweeper service points are within reach of the workshop.

Stratus 330 shown in the pictures on this page.



QuickSet belt service

The fan belt checked through a window and set by a screw.

An inspection window shows the belt's condition, tracking and alignment without removing a guard. A jack screw moves the engine and fan assembly to set it, with nothing stripped down.

And at the end of the shift.

- The 100 bar washer cleans the hopper at the dump point.
- A quick-disconnect pressure hose opens the pickup head for cleaning.
- Spray nozzles sit within reach to clean or change.
- A bottom drain lets wash water out of the hopper.

Discuss operating costs.

Ask us to work through the numbers with your own kilometres and local rates. The assumptions should be yours.



Spruce Up factory and parts store, Pune.

AFTER-SALES · MADE AND SUPPORTED FROM PUNE

Your machines. Our commitment.

The people who design and build the Stratus 600 are the people who look after it. Spruce Up builds it in Pune, trains the crew that runs it and services it through its working life, from India, with no wait for imports.



Spruce Up factory and parts store, Pune.



We stock parts in Pune and ship them across India, ready to go.

Operator training
With every delivery. More training can be bought for new crews.

We service what we build
Spruce Up's own service team looks after every Stratus.

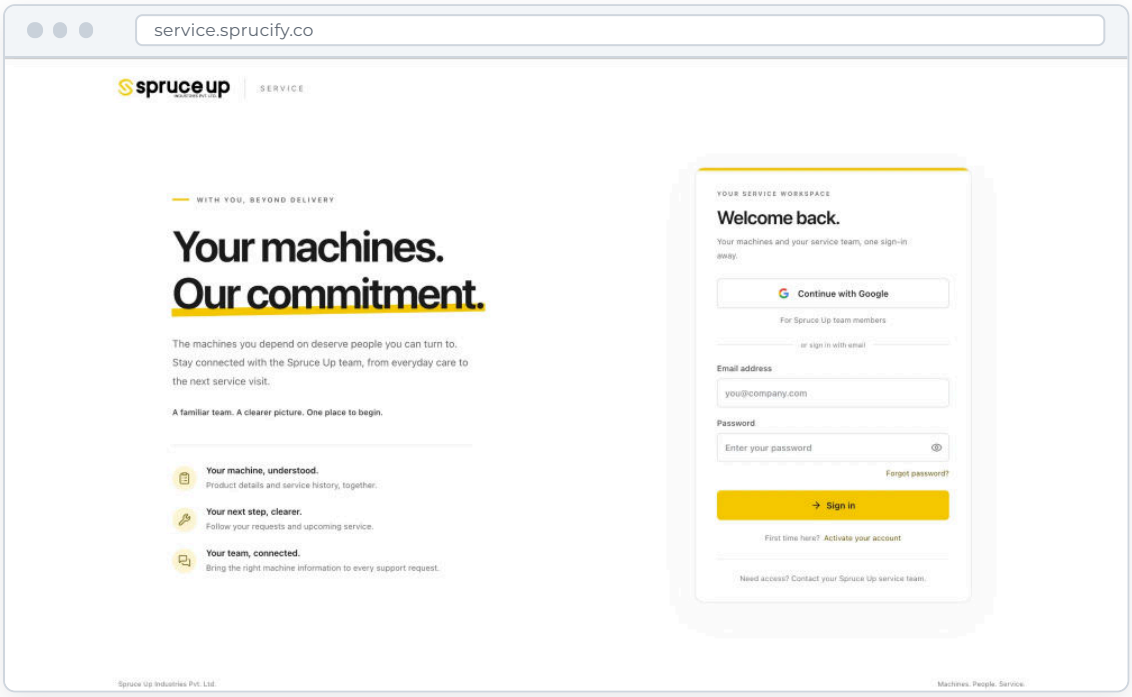
Video-call support
A video call puts your crew with our engineers.

Support from India
Fast, from the people who built it. No wait for imports.

OUR AFTER-SALES SYSTEM

The Spruce Up Ready System.

Four parts, one aim: a Stratus that is ready for work every shift. Two are available today; two are coming.



ReadyConnect at service.sprucify.co

ReadyConnect AVAILABLE

Our support layer: an online platform where each client books service, views machine logs and scheduled servicing, buys parts and reaches our team, with video-call support from our engineers.

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 online parts shop.

ReadyGuide COMING

Practical operating and service guidance for operators and technicians, matched to the machine.

ReadySense COMING

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

Who services what

The sweeper and the truck.

The sweeper

Serviced by Spruce Up, the company that designed and built it.

The truck

Serviced by Eicher or Ashok Leyland dealers, with ordinary parts.

Warranty and annual maintenance contracts are offered as on spruce-up.com; the scope and terms for each order are set out in Spruce Up's offer.

TECHNICAL DATA

Specifications

STRATUS 600 DIESEL · 600 CNG

	STRATUS 600 DIESEL	STRATUS 600 CNG
SWEEPING		
Sweeping system	Closed-loop air-blast vacuum (regenerative air). No centre broom needed; broomless mode can be activated. All weather: dry roads, wet roads and the monsoon	
Pickup head only	2,250 mm	
With two gutter brooms	3,500 mm	
Air blast	320+ km/h	
Suction · pressure hose	12 in · 14 in	14 in · 14 in
Pickup head	Hardox drag shoes; one switch in the cab; forward and reverse; 5 to 10 km/h	
Gutter brooms	Two, vertical digger type, 850 mm, hydraulic motor-driven; pneumatic down pressure from the cab; independent lateral and vertical control; swing rearward	
Blower	Closed-face turbine, 10 curved blades, 32.75 in, Hardox; heavy-duty V-belts; 80 mbar suction	
HOPPER AND WATER		
Hopper	6 cum, stainless steel; hydraulic tipping to 55° with shaker motor	
Dump height	1,650 mm	1,500 mm
Water	3,000 L, stainless steel; 29 spray nozzles; hydraulic roller pump, 70 PSI, 25 L/min, stops on low water	
Water filtration	Bag filter (2 mesh, 1.5 sq ft) and 2 screen filters	
Washer · litter picker	Triplex piston pump, 100 bar, 8 L/min · wander hose 6 in × 8 ft with gulper tool	
ENGINES AND HYDRAULICS		
Sweeper engine	Perkins 1104C-44T, 4-cylinder turbo diesel, 90 hp at 2,300 rpm	Ashok Leyland H4E6GT14, 4-cylinder CNG, 144 hp at 2,400 rpm
Sweeper fuel	Diesel, 90 L tank	CNG, 105 kg
Hydraulics	Gear pump, 100 L reservoir, oil-to-air cooler, 150 bar; filter shut-off valves; cab warnings for hot and low oil	
CHASSIS AND SIZE		
Chassis	Eicher Pro 2116T, 12 ft, diesel; BS VI, 4×2	Ashok Leyland Ecomet 1615 TC CNG, 17 ft; BS VI, 4×2
Chassis engine	120 kW (about 161 hp) at 2,600 rpm	Ashok Leyland H4E6GT14 CNG, 144 hp at 2,400 rpm
Gross vehicle weight	16,200 kg	16,100 kg
Wheelbase · turning radius	3,310 mm · 6,650 mm	3,970 mm · 7,350 mm
Length × width × height	6,500 × 3,500 × 3,350 mm	7,050 × 3,500 × 3,200 mm
CAB, CAMERAS AND SAFETY		
Cameras	6 cameras on 2 screens, standard on every Stratus	
Lights · controls	LED floodlights at each gutter broom, front and rear; 2 hazard lights · a switch each for the gutter brooms, pickup head, water and floodlights; each spray set high or low	
Power supply	12 V, 150 Ah battery, 85 A alternator	
Protection	Automatic shut-off on low water and engine overheating; alarms for hydraulic overheating and low hydraulic oil	

Figures from the Spruce Up specification sheets for the Stratus 600 Diesel and 600 CNG, November 2026. Width is with both gutter brooms fully out. Confirm against the current specification sheet for your order.



Stratus 600, rendering.

NEXT STEP

Ask for a demonstration.

A specification sheet cannot show a road swept clean. Ask for a demonstration, watch a Stratus sweep, and judge it against the four questions that matter to your operation. If you need help choosing, we can carry out a road site analysis and give you a report.

01 Capable

Look at the strip behind the machine. Is the fine dust gone from the road's texture?

02 Easy

Watch the operator work from the seat: the screens, the switches, the broom at the kerb.

03 Reliable

Open the covers. Look at the materials, the wear parts and the service points.

04 Affordable

Count what is not there: no centre broom, no dust-filter cartridges.

CONTACT

Talk to Spruce Up.

See the machine at work | Diesel or CNG

Ask about 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

SEE IT IN ACTION

Watch the Stratus 330 at work

(Stratus 330 shown)

Scan, or visit youtu.be/H6QVIjeCDMk

The Stratus range: Stratus 330 Diesel (available) · Stratus 330 CNG (coming) · Stratus 600 Diesel and Stratus 600 CNG (on sale now) · Stratus 600 Airport and Stratus 900 (coming).

STRATUS 600

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
FOUNDED	MACHINES DEPLOYED	MUNICIPALITIES	STATES	COUNTRIES

Spruce Up's record across all its machines since 2015.

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