

VIAJET 5

Agile on all routes



AGILITY

EFFICIENCY



Innovation for
a smarter waste collection

VIAJET 5

Agile on all routes

In terms of design and suction efficiency, the VIAJET 5 perfectly meets municipal specifications. Its compact size and very tight turning radius allow it to navigate anywhere, easily handling narrow passages and busy market squares.



Maximum cleanliness and cost-effective operation

Ground sweeping efficiency

Every detail has been designed to ensure the Viajet 5 adapts perfectly to the ground surface. The brush linkage is highly simplified to prevent long-term wear on the pins and clevises.

Ground pressure is adjusted via a regulator integrated into the brush system, ensuring continuous ground contour following. For even greater efficiency, in-cab side brush tilt adjustment and increased downforce to eliminate stubborn, ground-bonded debris are available as options.

Maximum quality, minimal maintenance costs

High-strength steel suction nozzles featuring a V-shaped profile maximize the suction effect and allow for reduced turbine speed, meaning the airflow adapts

seamlessly to different types of waste.

- › An in-cab controlled flap enables the effortless collection of medium-sized debris such as cans.
- › An additional opening mechanism operated from the cab raises the nozzle to easily handle bulky waste or large piles of leaves.
- › Flexible rubber suction hoses reinforced with a steel wire helix come standard on the Viajet 5.

Automatic lifting in reverse raises the sweeping system when backing up, significantly reducing component wear and overall maintenance costs.

Abundant water supply

The Viajet 5 is equipped with:

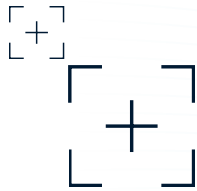
- › A 1,100-liter water tank in gel-coated, fiber-reinforced polyester with baffles

- › A fine adjustment by valves with in-cab control of the wetting nozzles to save water and avoid frequent refilling

Functions within easy reach and clear view

For easy operation, the controls and indicators are grouped in the cab. Ergonomics are optimal, and a console allows you to control everything (brush rotation speed, nozzle flap opening, low water warning signal, wetting control, sweeping hour meter, turbine rotation speed, temperature indicator, and hydraulic oil level alarm). Thanks to its CAN-bus operation, all this data can be extracted and recorded via the USB port.





DRIVE SYSTEMS

2 operating modes

Hydraulic sweeper

Simplicity, low noise levels, and cost savings

- › Driven from a rear engine PTO, power from the chassis engine is transmitted via a cardan shaft to a hydraulic pump connected to a flange-mounted turbine motor.
- › The variable displacement tandem hydraulic pump features one section operating in a closed loop to power the turbine at a pressure of 250 bar, while the other section supplies a hydraulic manifold operating the brushes, hopper lifting, and tailgate opening.
- › The LS load sensing system independently regulates the rotational speeds of the various hydraulic motors without altering the chassis engine speed.
- › Vehicle transit is completely standard and utilizes the chassis gearbox.

Hydraulic sweeper

BENEFITS

- No auxiliary engine, which increases available payload.
- Utilizing the chassis engine alone lowers overall fuel consumption.
- Very low noise levels reaching only around 74 dB(A).
- A simple gearbox PTO allows for the addition of extra accessories such as high-pressure systems.

Hydrostatic sweeper

Comfort, safety, and reduced nuisances

- › With a compact footprint and a very tight turning radius, the Viajet 5 delivers excellent agility on all routes, including narrow passages and market squares.
- › Vehicle travel is powered by a high-performance hydrostatic transmission.
- › In sweeping mode, speed control, braking, and reversing are all managed using a single pedal without operating the clutch.
- › This system reduces premature wear on the gearbox gears, clutch, and brakes.
- › It ensures optimal regulation of the working travel speed.

Hydrostatic sweeper

BENEFITS

- Greater operator comfort improves the overall working environment.
- Increased safety allows the operator to focus entirely on sweeping and cleaning operations.
- Significant reductions in noise and CO2 emissions lower the overall environmental impact since only a single engine is running.
- Reduced mechanical stress on the rear axle compared to a mechanical drive configuration with a reduction gearbox contributes to enhanced longevity.
- Easy maintenance is ensured by excellent component accessibility and overall system simplicity.





Technological advancement and ecological benefits



Dust emission control, a FAUN exclusive

The air recirculation option continuously routes the air drawn from the hopper back to a blowing nozzle.

- > Very little dust is ultimately released into the atmosphere.
- > Simultaneous road wetting is ensured by a spray nozzle located inside the blowing nozzle.



Water savings.

- > A flow rate of 40 l/min at 4 bar with a choice of pneumatic or hydraulic drive. Independent wetting nozzles are located inside the suction nozzle and on the side brushes.
- > If needed for maintenance, the center brush spray bar can be removed in a few seconds.



Chassis and hopper, a perfect harmony

The communication protocol (SAE J1939), used on the CAN bus, ensures a perfect connection between the chassis and the sweeper to optimally manage power. This performance allows efficient operation of the Viajet 5. No sweeper offers better performance.



Reduction in CO2 emissions

To reduce CO2 emissions, the LS (Load Sensing) system independently regulates the rotational speeds of the various hydraulic motors without altering the chassis engine speed.



Streak-free cleaning

The side brush, blowing nozzle, and suction nozzle are articulated on the same central support. The excellent overlap of the side brush and the center brush by the suction nozzle provides a perfect finish in all circumstances.

OPTIONS

- A choice of three high-pressure pumps (15, 30, and 70 l/min) with an automatic reel and 15 m of hose
- An adjustable stainless steel spray bar
- A leaf screen operated from the outside
- A warning triangle on the hopper roof or tailgate
- Strobe flashers instead of rotating beacons
- A color rear-view camera
- Chains inside the hopper to distribute leaves during suction
- A splash guard to optimize emptying
- LED lights
- Cameras on the right and left brushes
- A leaf suction hose on the tailgate
- A turbine wash system controlled by a valve
- Simultaneous right and left sweeping for wide width
- Manual or automatic centralized lubrication



VIAJET 5

Sweeping in action

Thorough sweeping

Perfect synchronization in tight curves; the suction nozzle on the VIAJET is pulled like a trailer.

- > In curves, it remains constantly facing the line of debris.
- > The tilt of the side brush automatically adjusts its positioning to the surface to be swept.



Dust emission control, a Faun exclusive

The air recirculation option continuously routes the air drawn from the hopper back to a blowing nozzle

- > Very little dust is ultimately released into the atmosphere
- > Simultaneous road wetting is ensured at the same time by a spray nozzle located inside the blowing nozzle



Free brushes and precision work

The side brush, independent of the suction nozzle, allows for quality sweeping of sidewalks

- > The rotation and ground pressure are adjusted progressively from the cab



Sweeping quality in difficult conditions

The center brush, pulled and oscillating, easily handles standard speed bumps as well as road surface level variations

- > The ground pressure and brush rotation are progressively adjustable to adapt to sweeping conditions.
The Viajet adapts to the most difficult road conditions, always guaranteeing the same quality of sweeping and cleanliness



Vehicle leasing, a winning option!

Now, more than ever, waste collection companies and local authorities are having to focus on controlling their finances. In order to allow market players to pursue a viable business policy, FAUN is progressively developing its concept: «Vehicle leasing - a winning option»!

The outsourcing arrangement proposed by FAUN allows companies and local authorities to make a detailed budget plan, thus increasing control over their investment (IFRS standard) and operating budget, without impacting their borrowing power.

Effective maintenance management and a high-tech vehicle fleet speeds up vehicle turnaround times.

FAUN provides its partners with a vehicle fleet ranging from 5 to 29 m³: Citadines for city centre waste collection, waste collection trucks for picking up household waste, industrial waste, organic waste and bulky waste, whether in trays or underground containers, together with road maintenance vehicles.

Leasing service

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FAUN SERVICES

The after-sales service comprises a group of experts responsible for troubleshooting, adjustments, expertises and hardware follow-up operations, based on an efficient network of Service Centres and breakdown vehicles carrying equipment and original spare parts for a cost-cutting maintenance tracking service.

9 Service centres

Hauts-de-France

420, rue des Galibots
59490 Somain
Tél. +33 (0)6 34 04 13 92

Île-de-France

ZAE La Tuilerie
11, rue de la Cavée
77500 Chelles
Tél. +33 (0)1 60 93 04 25

Languedoc

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ZA le Millésime
34370 Maraussan
Tél. +33 (0)6 11 49 72 71

Normandie

151, route de Montfort
27370 Le Gros-Theil
Tél. +33 (0)2 32 36 44 16

Nouvelle Aquitaine

6, rue Gay Lussac
33281 Merignac
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Occitanie

Bryn
ZA Lafitte
13, allée de la Gravière
31620 Boulou
Tél. +33 (0)5 61 82 56 56

PACA

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83340 Flassans-sur-Issole
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Pays de la Loire

15, rue des Coquelicots
44840 Les Sorinières
Tél. +33 (0)6 19 77 03 41

Rhône-Alpes

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FAUN is backed by a France-wide network of selected partners who offer a range of fully customised services.

Spare parts, Refuse Collectors and Sweepers

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