

VIAJET 6 and 7

Cleanliness perfectionists

RELIABILITY

POWER



Innovation for
a smarter waste collection

VIAJET 6 and 7

Cleanliness perfectionists

The VIAJET 6 and 7 are sweepers designed for cleaning under extreme conditions (operational down to -5°C) and large-scale operations.



Maximum cleanliness and economical operation

Effective down to -5°C

In extreme cold, the Viajet 6 and 7 sweepers remain fully operational. The intake air is compressed by the turbine, heating up to more than 20°C in the process.

A Faun invention and exclusive feature

Maximum quality, minimum maintenance costs

The use of high-quality materials guarantees the durability and longevity of the Viajet. For example, the turbine rotor and blades are made of a special, highly abrasion-resistant steel (optional).

Abundant water supply

Fine adjustment of the wetting nozzles via in-cab valves reduces the amount of water needed for dust suppression before suction. Combined with a standard 1,900-liter tank (1,200 liters + 700 liters*), the valve management system prevents the operator from having to refill frequently.

**Additional 1,000 or 1,500-liter tanks.*

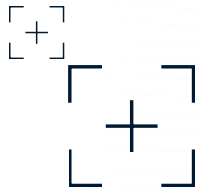
Functions within easy reach and clear view

Enhanced ergonomics guarantee operator safety and comfort. With a central dashboard, the operator can manage and control all functions while receiving all essential information. Driven by the CAN-bus system, the control panel also offers the capability to extract data via a USB port..

Suction power, soundproofing, and optional modularity

1. Rear suction via a flexible hose with a pneumatically assisted boom. Litter bins, catch basins, sloped gutters, and windrows of leaves are vacuumed effortlessly.
2. Optimized suction by eliminating blockages, thanks to a selective opening flap for bulky objects.
3. Complete soundproofing of the Viajet engine and turbine compartment, ensuring an acoustic power level under 100 dB during sweeping operations (optional).
4. The VIAJET can be equipped with two side brooms combined with two suction and blowing units and a central roller broom, or with a single right or left sweeping unit for specific tasks. The side brooms can be operated in either a towed or pushed configuration.





DRIVE SYSTEMS

3 types of operation

Hydraulic sweeper

High reliability, simplicity, and cost savings

- › Propulsion during sweeping and transit remains mechanical.
- › Travel is handled using the standard chassis gearbox.
- › The chassis of the Viajet 6 and 7 is equipped with a rear engine PTO (Power Take-Off) that drives a transmission, which in turn powers a variable-displacement hydraulic pump. This pump replaces the auxiliary engine, powering both the turbine and the machine's entire hydraulic system.*
- › Reliability and longevity are guaranteed by Faun's extensive experience with this system.

Hydraulic sweeper

ADVANTAGES

- Using only the chassis engine allows for a reduction in fuel consumption
- A significantly reduced noise level
- The possibility to add other accessories, such as high pressure, via a simple gearbox PTO
- The absence of an auxiliary engine allows the water volume to be increased

Hydrostatic sweeper

Comfort, smoothness, and power

- › Transit drive remains that of a conventional chassis
- › A transfer case, equipped with pumps and a motor, is inserted between the gearbox and the rear axle of the chassis
- › Vehicle speed control during sweeping operations is managed using a single pedal, without using the clutch

Hydrostatic sweeper

ADVANTAGES

- Greater operator comfort and no premature wear on the gearbox, clutch, and brakes
- Significant reduction in noise and CO2 emissions
- Less mechanical stress on the rear axle compared to a mechanical drive layout with a reduction gear, contributing to increased longevity
- Improved payload for longer operational time on the job site
- Option to add an extra water tank, which extends operating range and reduces fuel costs

Sweeper with auxiliary engine

Autonomy, efficiency and robustness

- › The latest generation auxiliary engine benefits from new technological advancements regarding injection management
- › It meets the emission standards in force
- › Sound insulation can be provided to reduce noise nuisance to a minimum
- › It runs on diesel or fuel oil and thus maintains its independence from the chassis

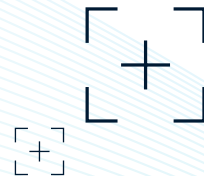
Sweeper with auxiliary engine

ADVANTAGES

- The sweeper, featuring auxiliary engine performance,** is the ideal solution for large-scale jobs (highways and more)
- Greater operating range** with a 130-liter diesel tank for the chassis and a 130-liter tank for the auxiliary engine, making a total of 260 liters



*This PTO is covered by the chassis manufacturer's warranty. **Depending on the chassis.



Avance technologique et bénéfiques écologiques

Dust emission control, a FAUN exclusive

The air recirculation option continuously routes the intake air 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 jet integrated into the blowing nozzle



Reduced refills, fewer trips, and lower CO₂ emissions.

In hydraulic and hydrostatic versions, an additional water tank can be integrated in place of the auxiliary engine.

Capacities	VIAJET 6	VIAJET 7
Standard	(1,200 + 700) = 1,900 liters	(1,500 + 700) = 2,200 liters
Option 1	(1,200 + 1,000) = 2,200 liters	(1,500 + 1,000) = 2,500 liters
Option 2	(1,200 + 1,500) = 2,700 liters	(1,500 + 1,500) = 3,000 liters



Streak-free results

The side broom and the blowing and suction nozzles are mounted on the same central linkage. The excellent overlap of both the side and central brooms by the suction nozzle ensures a flawless finish under all operating conditions.



Chassis and hopper in perfect harmony

The communication protocol (SAE J1939) used on the CAN fieldbus ensures a seamless connection between the chassis and the sweeper for optimal power management. This high level of integration enables highly efficient operation of the Viajet 6 and 7, ensuring that no other sweeper delivers better performance.

OPTIONS

- Choice of various high-pressure pumps (15, 30, 70, and 120 l/min), with automatic reel and 15 m hose
- Adjustable stainless steel spray bar
- Leaf screen operable from the outside
- Chains inside the hopper to distribute leaves during suction
- LED lights
- Strobe beacons instead of rotating beacons
- Anti-splash flap to optimize emptying
- Leaf suction hose on the rear door
- Additional 1,000 or 1,500-liter tanks
- Color rear-view camera
- Warning triangle on the hopper roof or rear door
- Cameras on right and left brooms
- Valve-controlled turbine wash
- Simultaneous dual-side wide sweeping
- Manual or automatic centralized lubrication



VIAJET 6 et 7

Sweeping in action

Thorough sweeping

Perfect synchronization in tight turns; the suction nozzle on the VIAJET is towed like a trailer.

- > In turns, it remains constantly positioned in front of the windrow of debris.
- > The tilt of the side broom automatically adjusts the broom's angle to match the surface being swept.



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- > Very little dust is ultimately released into the atmosphere.
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Independent brooms and precision work

The side broom, independent of the suction nozzle, ensures high-quality sweeping of sidewalks.

- > Broom rotation and ground pressure can be progressively adjusted directly from the cab.



Sweeping quality in difficult conditions

The towed and oscillating central broom easily handles passes over standard speed bumps as well as variations in road elevation.

- > Ground pressure and broom rotation are progressively adjustable to match specific sweeping conditions. The Viajet adapts to the most challenging road environments, always guaranteeing the same high level of sweeping quality 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

127, rue de la Syrah
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
Tél. +33 (0)6 70 66 58 71

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
Tél. +33 (0)4 94 77 97 98

Pays de la Loire

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

Rhône-Alpes

220, boulevard
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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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Spare parts CITADINES

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CITADINES technical support

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