heavywey

CONFIGURABLE STATIONS FOR PROJECT-SPECIFIC NEEDS

Atawey's heavywey stations for heavy-duty mobility are designed using a modular and scalable approach: an assembly of technological building blocks that allow the station configuration to be precisely tailored to each project — today and tomorrow.
Objectives: safety, availability and performance, meeting the same high standards as conventional fuel stations.

SUPPLY

FLEXIBILITY: MAKING **THE MOST** OF H_2 INPUT

Atawey designs stations capable of adapting to all hydrogen supply configurations, ensuring flexibility, scalability and economic performance.

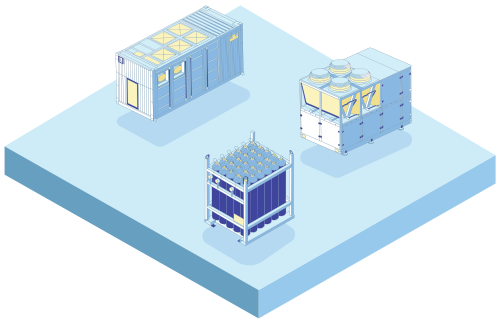
Our solutions:

- **Tube trailer:** connection of multiple tube trailers to a single manifold, with automatic source switching
- **On-site electrolyser / pipeline:** dedicated high-efficiency compression technologies for low-pressure inputs (< 30 bar)

The Atawey advantage

- **Direct distribution (by-pass):** direct transfer of hydrogen from the tube trailer to the vehicle, increasing dispensing capacity while reducing energy consumption
- **Export (electrolyser or pipeline source):** hydrogen produced on site can supply satellite stations, lowering operating costs and strengthening the autonomy of your ecosystem

COMPRESSION AND STORAGE



PERFORMANCE: ENSURING **SERVICE CONTINUITY**

Compression and storage directly determine dispensing capacity, station availability and refuelling speed at Atawey stations.

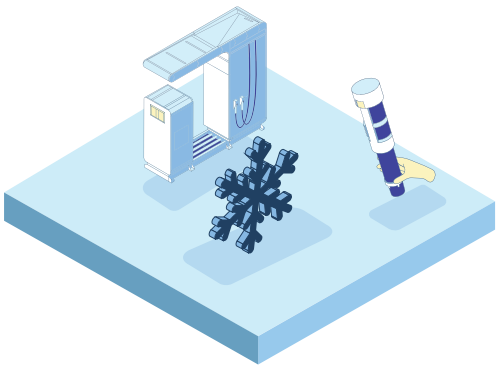
Our solutions:

- **Single / dual booster technologies (depending on the source):** compression architectures optimized for mobility applications
- **Cascade storage:** pressure-level distribution of storage to maximize energy efficiency and accelerate refuelling

The Atawey advantage

- **Free cooling:** below 25 °C, booster cooling is achieved without active refrigeration, significantly reducing energy consumption
- **Direct compression:** compression is performed directly into the dispensing storage, enabling faster fills and a reduced footprint

DISTRIBUTION



SPEED: **SAFE AND STANDARDIZED** REFUELLING

Atawey stations combine international standards, proprietary technologies and co-developed solutions to deliver a high-performance and safe refuelling experience.

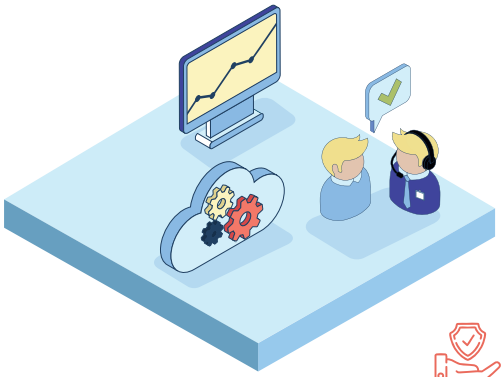
Our solutions:

- **SAE J2601 protocols with MC Formula:** optimized refuelling for light-duty (-1) and heavy-duty (-5) vehicles
- **ata'METRICS:** certified legal metrology, compatible with credit card payment ata*metrics*
- **Twin-Mid Flow Nozzle:** simultaneous refuelling of two light-duty vehicles or one heavy-duty vehicle at high flow rates

The Atawey advantage

- **Hydrogen recovery (patent pending):** undispensed gas is recovered and recompressed, limiting losses and reducing noise
- **Cooling synchronized with dispensing:** lower operating costs and improved overall energy performance of the station

MONITORING



CONTROL: **CONTINUOUS SUPERVISION** AND **SIMPLIFIED MONITORING**

Operators need connected, reliable and easy-to-operate stations, with full clarity related to performance and operations.

Our solutions:

- **Real-time control:** monitoring of station status, performance and alerts via dedicated dashboards datavision
- **Energy Management System (electrolyser supply):** dynamic adjustment of hydrogen production based on electricity prices, grid constraints and refuelling demand

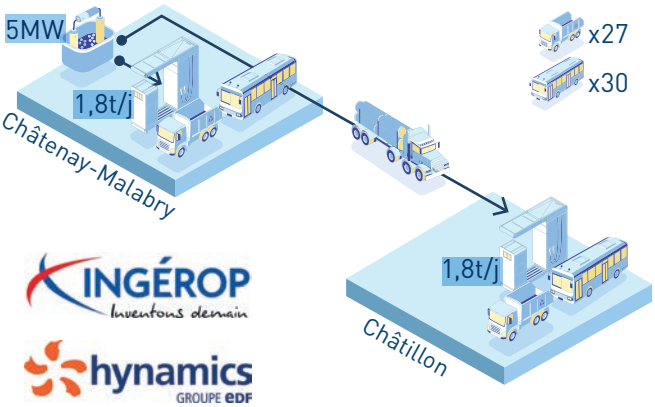
The Atawey advantage

ata'check

ata'check : an exclusive daily self-diagnostic system covering all hydrogen circuits, with no impact on station availability and automatic alert triggering in case of deviation.

POINTS CLÉS

AFIR compliant	From 1,000 kg/day	HDV 350 and 700 bar	Fast refuelling: 90 g/s (H70), 120 g/s (H35)



FLAGSHIP PROJECT: VALLÉE SUD GRAND PARIS

- **Optimized model:** one electrolyser, two dispensing sites, export capability, reduced costs
- **Low carbon footprint:** local production, minimal transport distance
- **Controlled logistics:** autonomy and continuity of supply ensured

STATIONS CONFIGURED FOR HEAVY-DUTY TRANSIT MOBILITY

Atawey's heavywey-TT stations are designed for high-traffic nodes and the demanding requirements of heavy-duty mobility. They deliver fast, continuous and fully controlled refuelling, capable of supporting both high-rotation captive fleets — such as bus lines or garbage trucks — and transit freight vehicles.

Supply : Tube-Trailer

1 300 kg/d

H35 & H70

SAEJ2601-1 cat. A (MC Formula) : LDV

SAEJ2601-1 cat. D (MC Formula) : HDV 350 (60 g/s)

SAEJ2601-5 : HDV 700 (90 g/s)

OPTIONS :

Dual dispenser (simultaneous refuelling)

atametrics

Certified legal metrology chain

Credit card payment

AFIR COMPLIANT

Footprint: **300 sqm**

Ideal for:

- Local authorities,
- Companies,
- and transport or network operators,

seeking a safe, proven, durable and high-performance solution.

THEY TRUST US

Atawey supports **HYmpulsion** as part of the **Zero Emission Valley** (ZEV) project, co-financed by the European Union through the Connecting Europe Facility (CEF).

In 2025, Atawey installed **four 1,300 kg/day hydrogen refuelling stations**, supporting the deployment of new hydrogen bus and coach lines across the region. These stations are designed for heavy-duty mobility.

ANNECY

VALENCE

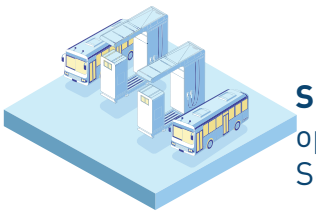
SALAISE-SUR-SANNE

COURNON-D'AUVERGNE

> Beyond the final result, what truly stands out is the transparency, the effort made to fully understand our needs as an operator, and the ability to respond in the most appropriate way to meet service requirements. There is a genuine willingness to move forward together, with consistent commitment throughout the entire product lifecycle to drive projects ahead.
>
> **Nicolas May,**
> Operations Manager, HYmpulsion

14 buses refuelled daily since March 2025
(34 planned by 2026)

<1 min / kg (HDV)



Simultaneous refuelling operational since September 2025