



VIALAB

THE WAY OF EMULSION

Hevo 15

**VERSATILE INDUSTRIAL EMULSION
PRODUCTION PLANT**



vialab.fr



Hevo 15

| EFFICIENCY

Hevo 15 is one of our most comprehensive 15 T/h units, combining productivity, versatility, and intelligence. Fully automated, it easily produces both the simplest and most complex bitumen emulsions.

For growing production volumes and emulsion ranges, this unit can be specifically adapted to your current needs and your growth ambitions.

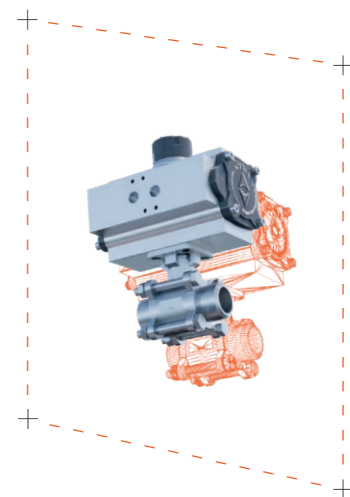
Hevo 15 brings together all of VIALAB's expertise to help you master emulsions, achieve your goals, and contribute to the decarbonization of road transport.

| VERSATILE

Thanks to its modular design, **Hevo 15** integrates seamlessly into your business. Customize your production tool with dedicated slots for flux, latex, and additive lines, allowing for integration on the new machine or at a later date, depending on your needs.

Generating hot water is a challenge in bitumen emulsion production, and **Hevo 15** provides the solution. The outlet heat exchanger recovers heat from the emulsion and improves the efficiency of your hot water system while saving energy.

To manage your component inventories, the software provides access to a decanting and tank level control function.





| PRODUCTIVITY

Produce your emulsions continuously thanks to two 3,000-liter aqueous phase tanks and fully automated production. **Hevo** 15 takes into account the maturation times of your aqueous phases to ensure the proper incorporation of your components and guarantee the quality of your emulsions.

The variable-flow volumetric pumps convey the binder and aqueous phase to the ATOMIX® homogenizer, a proven technology at the heart of VIALAB units. Combined with the software's embedded intelligence, this system gives you complete control over your production.

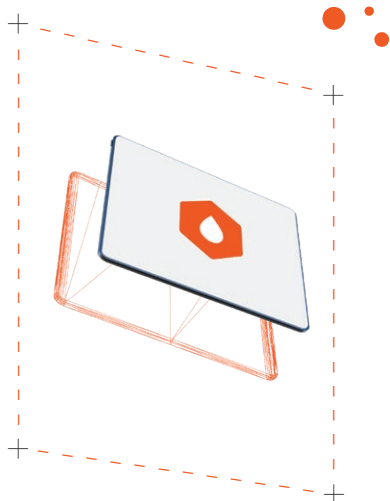
With **Hevo** 15, preheat your machine to start production as soon as you want. Heating scheduling allows you to optimize your work times and start production instantly.

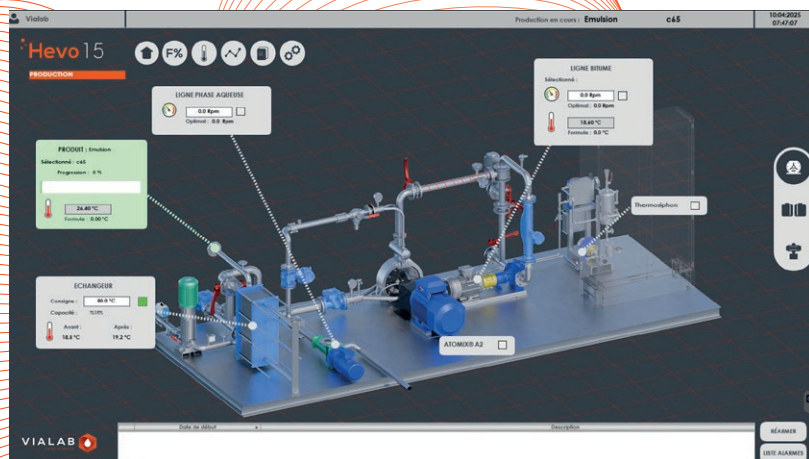
| CONTROL

Save your components, select your formula, and start producing. The software calculates all the necessary quantities, manufacturing times, and manages the process independently.

Intuitive production views allow you to continuously monitor production by controlling rotation frequencies, temperatures, and tank levels. With **Hevo** 15, the user is always in control: all elements can be manually controlled, even during automatic production.

Finally, the software offers several features dedicated to plant managers. User level management, personalized manufacturing reports, and production parameter adjustments: **Hevo** 15 provides you with all the functions you need to master your emulsions.

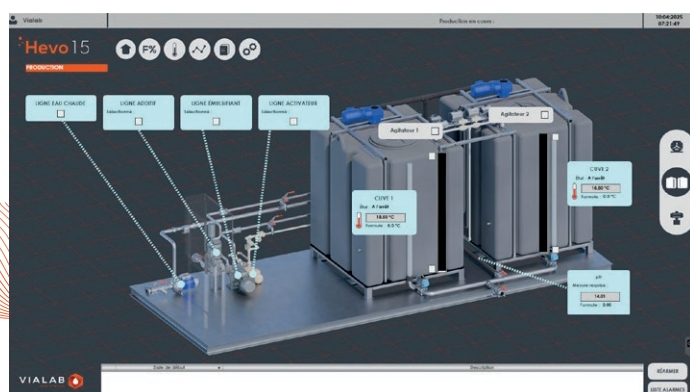




EMBEDDED INTELLIGENCE

Véritable assistant de production, **Hevo Soft** est l'intelligence embarquée dans toutes les unités industrielles VIALAB. Conçue pour faciliter la prise en main et s'adapter précisément à votre besoin, l'interface ergonomique et intuitive vous apporte une nouvelle manière de gérer vos productions en toute simplicité en assurant la sauvegarde de votre savoir-faire.

By integrating planning, analysis, and database management tools, **Hevo Soft** supports you from formula definition to production monitoring and data processing, allowing you to optimally utilize your machine. Finally, remote manufacturer access guarantees rapid intervention when needed.



Hevo Soft in synergy with your unit:

- Control via 21.5-inch screen
- Weekly heating planning
- Component and formula database
- Step-by-step production with 3D guidance
- Visualization and export of curves
- Reports and manufacturing history
- Maintenance indicators
- User and access rights management
- Multilingual interfaces

| ATOMIX®

Patented in 1933, the ATOMIX® homogenizer has been specifically developed to produce road emulsions. Since then, this technology is considered as a reference in the emulsion industry thanks to its unique principle as well as its performance in producing particularly thin emulsions.

The ATOMIX® comes in various sizes and models from 0,2 T/h to 30 T/h in order to cover all the needs.

Based on the principle of centrifugal pumps, ATOMIX® homogenizers are made of a cylindrical rotor in which the liquids are injected. Due to the centrifugal force, the phases are splashed against the stator, thus dispersing the binder in the form of small droplets inside the aqueous phase.

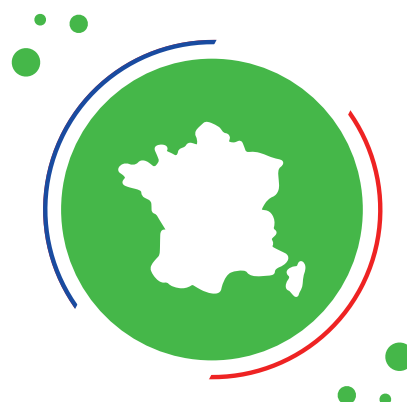


| FRENCH INDUSTRY

Hevo 15, as well as all VIALAB plants, are produced and assembled in France. Based in Brittany, VIALAB benefits from more than 90 years of experience in the industry and the production of road emulsions, in close relationship with the players of the construction sector.

Scientific precision and rigor are VIALAB's core values thanks to its laboratory and training programs. The industrial units and the lab equipment delivered by VIALAB are fully tested to check their compatibility with the good practices in the sector as well as the active test standards.

The road emulsion techniques, which are the key focus of VIALAB's activity, contribute to the preservation of the road networks all over the world and are real means of decarbonation for the construction sector.



| OUR STRENGTH



ENGINEERING

An in-depth conversation to design the best technical solution that covers all your needs



TRAINING

Training programs to master emulsions, in the lab as well as for industrial productions.



SUPPORT

Our team assists you from the commissioning to the maintenance of the plant



LABORATORY

A wide range of lab equipment to develop and control your road binders



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