

Hevo Start

**INDUSTRIAL PLANT FOR
EMULSION PRODUCTION**





Hevo Start

| EFFICIENCY

As an ideal unit to produce the most requested emulsions, **Hevo Start** combines productivity, efficiency and simplicity. Its 15 T/h capacity makes it a very versatile machine with tack coat, surface dressing and other spraying emulsions as priorities.

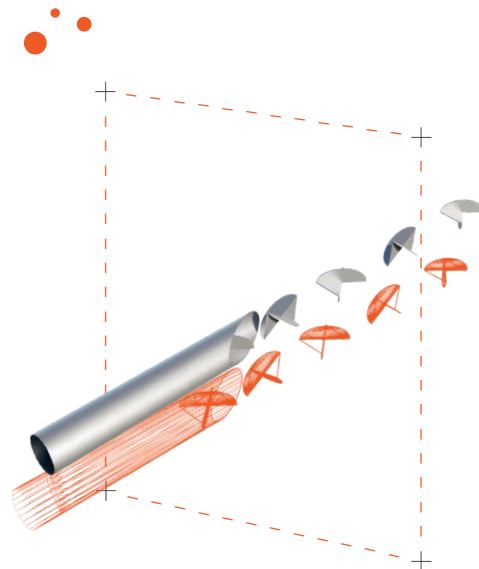
This unit has been designed to be compact, adaptable and intuitive in order to cover a wide range of needs while guaranteeing top quality productions.

Hevo Start packs all the experience from VIALAB to allow you to master emulsions, reach your objectives, and contribute to the decarbonation of the road sector.

| VERSATILE

The **Fluxing** option increases the versatility of **Hevo Start** by giving access to highly fluxed emulsions including impregnation and storable cold mix emulsions. Doing so, the abilities of the machines are multiplied and two productions are combined : Emulsions and Fluxed/Fluidized bitumen (Cutback).

To control your productions completely, the **Measuring** option adds the evaluation and the storage of data regarding pH, temperatures, continuous tank levels, as well as all the software functions to compute and analyze this data through the onboard intelligence.





| PRODUCTIVITY

Produce emulsions continuously thanks to the easier management of the aqueous phase productions. **Hevo** Start comes with two 3000 L tanks in addition to fully automatic stirring and injections for the hot water, the activator as well as the emulsifier.

The ergonomics is a core element of **Hevo** Start, and the commands are all accessible from the control station to make sure that the operator can manage the whole unit at anytime.

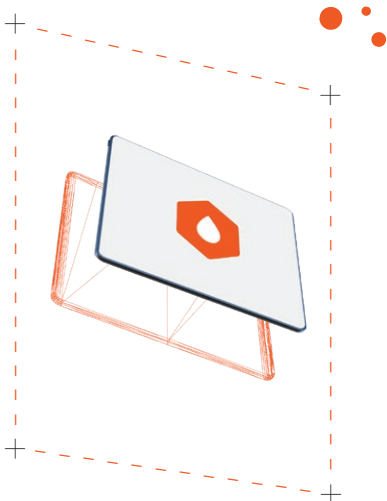
The variable pumps for the binder and the aqueous phase bring the liquids to the ATOMIX® homogenizer, which is a widely known technology and the center piece of all the emulsion plants from VIALAB. All these elements are combined together in order to provide you with thin emulsions and high quality productions.

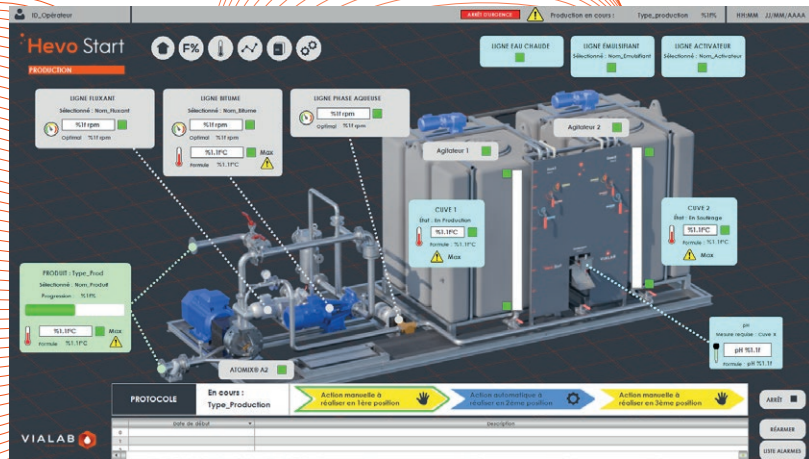
| CONTROL

Select your ingredients, choose your formula, and start producing. The software calculates all the amounts of ingredients and then guides the operator step-by-step through the actions to be carried out.

Hevo Start saves the output reports to allow you to monitor your productions and manage your material consumptions.

Regarding maintenance, the software is equipped with self-control functions that provide the necessary information to take care of your plant. On top of that, all the software functions of **Hevo** Start have user-dependent accessibility, which increases user confort and safety.

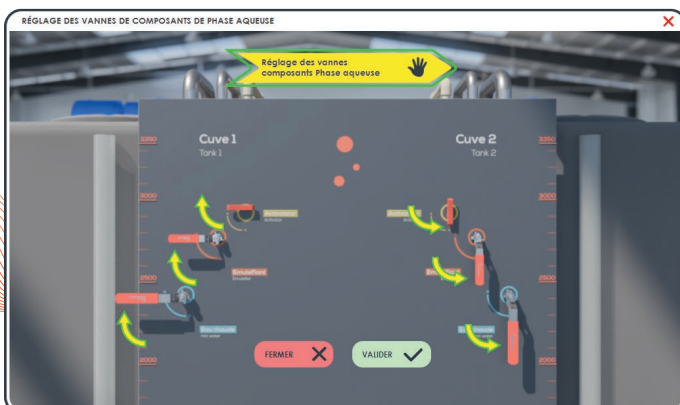




EMBEDDED INTELLIGENCE

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 en synergie avec votre unité :

- 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.

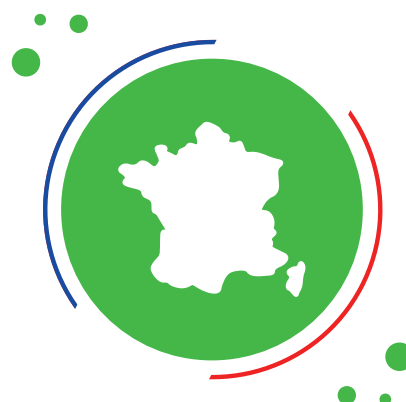


| FRENCH INDUSTRY

Hevo Start, 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.



SUPPORT

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



TRAINING

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



LABORATORY

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



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