



THE GROUPE

The Asserva group

ASSERVA is a dynamic medium-sized company, founded in 1978 in Lamballe, in France. ASSERVA employs 100 people. Since 1978, ASSERVA designs, develops, manufactures, installs and provides after-sales service for automated solutions and feeding systems for pig farms. The solutions developed by ASSERVA improve the working conditions of the farmers, as well as the rearing conditions of the farm animals in different areas such as :

- Dry and liquid feeding systems
- On-farm feed mills
- Treatment of livestock manure
- Ventilation and heating systems for pig units
- Air filtration and cleaning

The Asserva Group has had its technic-online website online since 2015.

Vraco-Distribution is a subsidiary of the ASSERVA group.

Asserva being a major actor on the market of automation in the market since 1978, it is the guarantee to have access to professional quality equipment, high technicality and robustness.

The company relies on a multidisciplinary design office of 10 people (mechanical, electrical, electronic and computer). ASSERVA's design office has been rewarded by its peers 16 times over the last 7 years and has received a Trophy for Innovation Trophy of the Côtes d'Armor companies in 2013.

Our research and development orientation has also enabled us to register us the filing of 8 patents.



Manufacturing and design office
French manufacturing



Offer & adapted installation
Study of your project
Installation of your Vraco
Start up



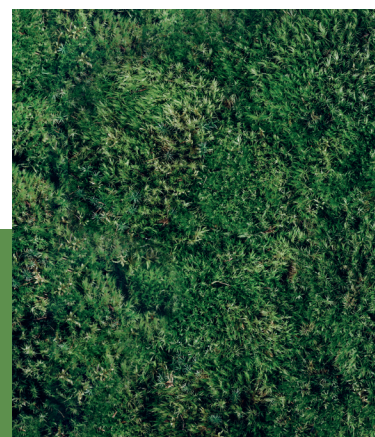
After-Sales Service - 7 days a week
National and international aftersales network
High performance stock





The Vraco concept

A “Corporate Social Responsibility” reflection on our waste production combined with our experience in the management of bulk in breeding, from the silo to the animal, have motivated the design and development of an autonomous distributor capable of managing bulk and eliminate packaging.



OUR PROJECT

The objectives

We have set ourselves the objective of proposing a concept capable of eliminating packaging from a supply chain (from the manufacturer to the end customer).

We also want a distributor offering reduction on the cost prices (packaging, logistics, handling...).

For the customer, our ambition is to meet his expectations in bulk, i.e. a choice of purchase quantity, an advantageous price and a 24-hour availability.

We believe that the distributor is a perfect communication vector to put forward a quality product. (More than 25 m² of communication space).



WHY ?

BtoC & DtoC.

We want to democratize bulk purchases.

We can manage any dry product in the form of grains, granules, powders...

We can meet the needs of everyone, BtoC, DtoC, on markets as different as petfood or wood pellets as well as different products for for gardening or construction.

This concept is in line with the CSR programs, notably SCOPE III.



25 m²

“

of communication space.
A real support of communication
support with consumers

”



The detailed concept

Easy to install

Vraco distributor is easy to install, we come, we install it and start it up with you.

No civil engineering, a simple electrical plug is necessary.

With its 4.67 meters by 2 meters, it only takes the equivalent of a parking space.

The dispenser is equipped with a filling system by suction.

It is a connected object, with a 4G router, the information is available to manage of the dispenser. Thanks to an interface exploiting in real time the data from the container, you will have access to the turnover and stock level of each storage.

You will be able to control your communication with the help of an 21-inch anti-vandalism touch screen adapted to outdoor conditions.



24h/24 & 7j/7

Concept 100% self-service



A concept without packaging!

Zero waste and no packaging from the manufacturer to the consumer.



Easy to use

Product served directly into the bag/seal No need to handle the product.



Trust

French manufacturing / National after-sales network



Connected

Remote management of the program, touch screen for optimal visibility and ergonomics. Smartphone application for monitoring and managing the vraco.



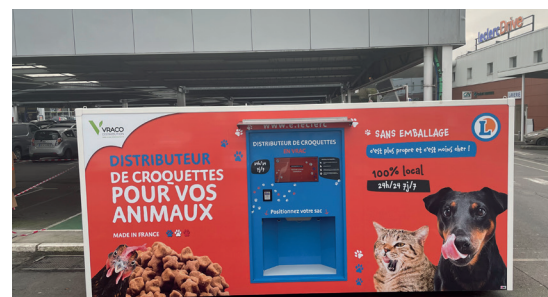
Communication & marketing support

With a customizable surface of more than 25m², you can communicate with your customers. It is a great communication and marketing tool.

Thanks to this dispenser, you can promote yourself even before the customer enters the store. Where your competition is not visible yet.



25 m²

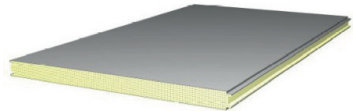


Technology



● Plug & play

Connected to a simple 220 volt socket. Vraco is immediately usable and the setup is already customized to your image. You don't have anything to do !



● Insulated panels

Its external structure designed with insulating panels made of fiberglass-reinforced polyester and recycled high-density foam guarantees a high quality thermal resistance.



● Hygrometry + Temperature

The dispenser comes with a system that controls and regulates air renewal, temperature level and humidity.

An additional guarantee for the conservation of the products.



● Precision weighing

We have equipped the dispenser with a certified high-precision weighing system that allows us to guarantee the most accurate transactions.



● Filling system

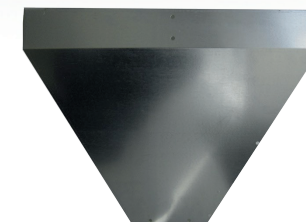
A pneumatic filling system is used to fill the hoppers. A suction tube is positioned in the returnable big bags. The loading speed can, depending on the density of the products, exceed 2 tons / hour.



● 4G connection

The dispenser is connected by a secure 4G router, which does not require any installation, which allows the banking transactions of the payment module that is installed by us.

This connection also allows you to follow the exploitation of your retail machine (turnover, stock level, administration of the content of the product selection menu, update of sales prices...).



● Hermetic stainless steel hoppers

The hoppers that receive and store the products are made of stainless steel. They are airtight and allow us to guarantee the quality and preservation of the products, especially the palatability of the products dedicated to the feeding of our pets.

Interface

A monitoring and management application

We offer you an interface to manage your activity. In real time, you manage your stocks by creating your alerts. You have access to your sales data (hours, quantities, turnover).

You can manage the information of the program: modification of the sales prices, visuals of your products, descriptions and product compositions.



Your products

Market the products you want

With Vraco, you can go further with your ideas, because we offer you a concept capable of marketing the products you want:

- Pet Food
- Fertilizers
- Garden universe (mulch, potting soil...)
- Building materials (cement, map, plaster, gravel...)

Industry

The result of Asserva's research and innovation brings simplicity and cost effectiveness together.

We want to make Asserva a forward-looking company and recognized as an innovative "smart farm" player in the global innovative player in the global livestock production markets.

Therefore, Asserva wants to develop its business areas and know-how to meet the agricultural challenges. Therefore, Asserva wants to develop its business areas and know-how to meet future agricultural and industrial challenges:

- feed transport
- RFID
- access control
- ventilation (dust removal)
- air filtration and cleaning

Asserva has acquired a wealth of experience and expertise in various applications such as :

- precision weighing
- dosing and micro-dosing of materials
- electronic system (control cabinet)
- access control for household waste collection
- automatic distribution of dry and liquid products
- water treatment
- ventilation





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