

fai la scelta che piace
all'ambiente.



Prendi qui
il tuo sacco
riutilizzabile

dab[®]

The first automatic self-service
device for the sale of bulk
biomass products

An efficient opportunity in territorial exclusive
with a quick return on investment



Dab - Automatic Biomass vending machine

Facing new challenges, opening up to changes, anticipating trends and investing in continuously growing sectors: AKD Solutions s.r.l. has been operating in the vending sector for years, with a modern vision oriented towards the Green Economy. Dab, the first vending machine for bulk biomass, is an excellent way to diversify investments, combining two business areas that both enjoy strong growth: the pellet market and self-service vending market, as customers increasingly prefer self-service purchases in total autonomy.

Dab - 24-7 pellet self-service

The Dab can supply flexible quantities of bulk biomass (pellets, pits, and pomace).

It is available in two models: Dab & Dab + Was

- The Dab, equipped with a 6.5 cubic meter tank (about 4 tons of pellets)
- The Dab + Was which, in addition to the Dab, includes a dispenser of chilled still and sparkling water.

Sizes

Dab

4.300 mm - Front width
2.930 mm - Height
2.400 mm - Depth

Dab + Was

5.400 mm - Front width
2.930 mm - Height
2.400 mm - Depth

Purchase procedure for the end customer

The customer will be able to access the Dab with a pre-paid and rechargeable loyalty card purchased at the machine. This card, after accepting the GDPR statement through the touch monitor and entering the customer's telephone contact and e-mail address (optional), will effectively become a prepaid card. The customer's fingerprint can also be registered, for a quicker access. The card can then be recharged by inserting banknotes and coins or by credit card directly at the Dab. The customers will have the possibility to fill reusable bags by purchasing them directly from the Dab and/or by filling their own bags or bins.

Delivery options:

5 Kg - 7,5 Kg - 10 Kg - 15 Kg

The end customer, thanks to the metric certification of the weighing system, will always and only pay for the exact quantity of product purchased – which is not always the case for the common 15 kg bags available on the market.





Plastic free

The Dab, thanks to the customer's ability to fill their own containers or reusable bags that can also be purchased from the machine, effectively eliminates the waste of the standard disposable bags widely available on the market, at the same time making customers aware of this important environmental benefit.

Installation and recommended locations

Quick and easy to install, the Dab only needs a flat surface and an electrical connection. Moving the Dab to another location, if necessary, is therefore a very quick and easy task.

The Dab's ideal locations are in all areas providing easy road access and easy parking, in order to simplify the purchase operation by end customers. For example: municipal areas, private commercial areas, car wash stations, petrol stations, supermarkets and hypermarkets.

Tank loading

The Dab includes an automatic distributed suction system for refilling the tank, also equipped with an effective automatic dust removal system. On request, it is possible to engineer the Dab for loading by tankers.

The tank refilling operation is very practical and quick: just insert the supplied hose into the special sleeve on the side of the Dab and place the other end inside a big bag. At this point, the Dab will automatically vacuum and dedust the product.

The time required for suction and dedusting is approximately 9/10 minutes per 1,000 kg.

Real time remote management

The Dab can be comprehensively controlled and managed in real time, even from a smartphone, for all its functions. The device forwards to the manager e-mail reports in real time for any operation (including date, time and identity of the operator who carried it out). All actions and data - such as, for example, the quantities refilled in the tank, access to the cash desk, technical interventions on the machine, as well as alerts of lack of product in the tank or for malfunctions, also due to improper use by consumers - are also recorded by the management system.

Each purchase made by consumers is registered with their identity (if disclosed), product weight, price, date and time, thus creating a precious database containing customer records and all their transactions.





Advertising TV screen

Through the 42-inch TV monitor, positioned on the DAb front side, it's possible to promote the offer of additional services such as home delivery of full pallets, an option that consumers - after having successfully tested the pellets - often decide to request. In addition, by offering the option of inserting their respective advertisements on the monitor to other businesses and service companies, it's provenly possible to recover (even in its totality) the monthly cost of the purchase instalments of the DAb. It is also possible to choose to install a special 43-inch high-brightness LED monitor (optional).

ENplus® compliant

The Dab has been certified by the central technical office in Brussels as compliant with the ENplus® regulation for the quality of the product supplied.

Industry 4.0 compliant

The Dab is integrating the most innovative and advanced technologies, such as cloud computing and analytics, throughout its operations, also thanks to remote controlling via its apps. It is then perfectly compliant within the Industry 4.0 smart technology framework.

Territorial exclusivity

We offer, for each installation, a 10-year territorial exclusivity for the Municipality, which ensures the maximum commercial effectiveness of the DAb, without competitors in the vicinity





Be the first to install DAb in your city in territorial exclusivity.

dab[®]

www.dabdistributori.com

AKD Solutions s.r.l. Via Podere la Vigna 12 - Settimo Milanese (MI), Italy - Tel. +39 02.56569602