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PENTA®

In line/offline aging machine

Aging machine for pavers, blocks and slabs

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Industrial automation since 1991

Aging machine for pavers, blocks and slabs

In line aging machine for pavers, blocks and slabs.

Penta wants to offer its customers the full range of machines for the secondary treatments, therefore driven by the continuous evolution of the markets Penta has developed the fully automatic Caleidosline machine. This system is designed for the artificial aging or antiquing of concrete pavers, blocks and slabs.

Thanks to its compact design, Caleidosline can be installed directly on the dry line, between the lowerator and the cubing station.

The Caleidosline can create different and various aging effects and thanks to its flexibility, it is able to suit all the different markets and trends. All the variables that contribute to the achievement of a specific aging effect are programmable and adjustable so to satisfy any customer's needs.

The aging process is carried out by special aging rollers that are able to round the corners of the stones and aging the surfaces as well. The machine works on two layers at a time, so it can keep up with the production flow.

The production board with stones on is lifted up and a pusher bar moves the pavers off the board for introducing them into the machine. At the same time, from the other side of the machine a pusher bar moves the already aged layer on the same production board that is then lowered and placed on the dry line for being packaged.

The machine, which is a one block machine so very easy and fast to install, is supplied completed with insulating box for dust and noise.



Off-line ageing machine

Caleidosline can be supplied as off-line and stand-alone machinery, or it can be installed close or above to the dry line of the production plant or again it can be linked with other treatments machines as well.

For all the customers who do not have enough space on the dry line Penta can propose the Caleidosline as off-line machine.

Penta can provide customers with several options for the installation of the Caleidosline. First of all the stones to age have to be unloaded from the production board for being introduced in the machine and this operation is carried out by a gripper. It can introduce the stones by working on two levels (if the machine is placed above the dry line) or it can work parallel to the dry line. Once the stones have been aged, a second gripper picks them up and places them on the production board of the existing dry line or build a pack accordingly.

The Caleidosline machine is a unique and flexible machine and it can be installed both in-line and off-line depending on the customer's needs.