

Compact Loader



Our **Compact Loaders and Unloaders** for racks, trees and trolleys, are the best **cost-effective** solution to **increase efficiency, reduce labor costs** and **eliminate injuries**. It can load and unload **very high** trees, trolleys, racks and frames, up to **5.8 meters** of height, also handled by **AGVs/LGVs**.

Our loaders for meat, cheese, pet food and alternative protein **can be connected** with an **automatic hanging machine** or can be equipped with a semi-automatic hanging device.

The design allows **customizations based on the length of the smoking sticks, the size of the racks**. Thanks to the **extremely reduced footprint** it's easy to introduce our CSC Loaders and Unloaders in existing facilities.

Productivity up to 7 smoking sticks/minute with semi-automatic hanging device or **10 smoking sticks/minute** with automatic hanging machine.

**MACHINES AND PLANTS
FOR FOOD INDUSTRY**



In the case of semi automatic loading, the operator, having received the products from the upstream lines, takes them on the loading surface and places the smoking sticks **onto the hooks of the lifting catenary**.

The smoking sticks are placed on arms with motorized chains that allow the cross pitch of the smoking sticks to be accurate.

The motorizations of the chains are done with **IP69K motors**. The arms are moved vertically by a **brushless motorization**, suitably cased, to deposit the products in the predetermined levels (to pick them up in the case of unloaders).

After the empty rack is introduced into the cage, centering and locking devices enable the vertical movement of the arms for **checking and measuring the levels to be loaded**, thus adapting to the normal geometric errors of the frames themselves, however, of equal width.

The **Compact Loader CSC** allows the **continuous loading and unloading** of smoking sticks even during rack, trolley or tree replacement.

Our Compact Unloaders can be equipped with a hanging loops cutting device.

Our **Compact Loaders and Unloaders** are **very easy to operate, maintain and clean** thanks to the smart and simple design and realization.

A control panel allows the operator to store recipes and the PLC allows both the connection with the company's production management system, as well as the **remote connection with our technical support service**.

