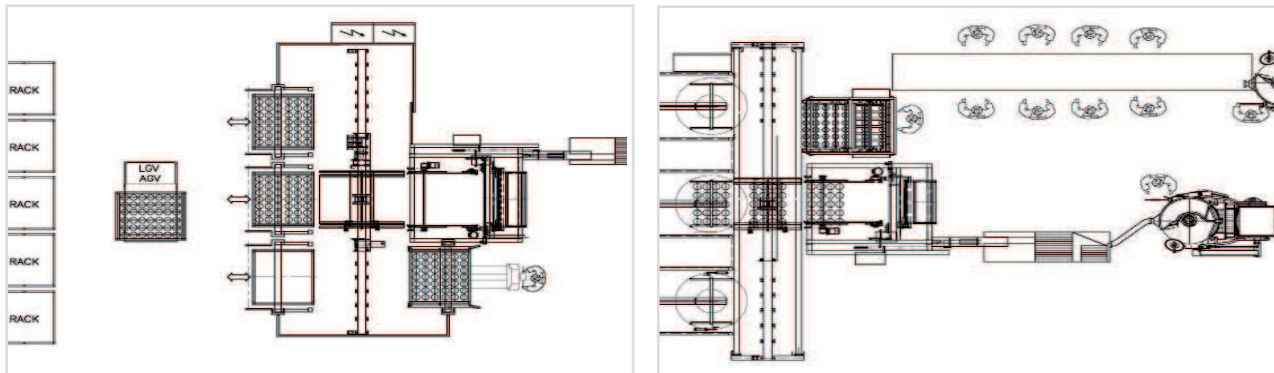TFRC loading and uloading system can treat in the same time different kind of products, arriving from semi-automatic or automatic loaders or collected from frames production area where the manual loading is limited to the most easy level. The special execution(for example with a machine of 1,80 meter you can treat a frame 1,50 meter long!) together with the use of innovative safety devices permit the insertion of the plant in production reality with small spaces, with no need to replace frames and tray conveyors.

TFRC is internationally patented.

TFRC AUTOMATIC LOADING AND UNLOADING
SYSTEM FOR SALAMIS AND BELLIES

Compact system to load and unload products hung or hooked to bars, suitable for racks, frames and trees.

Devices to put automatically salamis on hanging bars or devices to insert bellies on bars with combs can be included to the system.

FAVA
GIORGIO AXEL
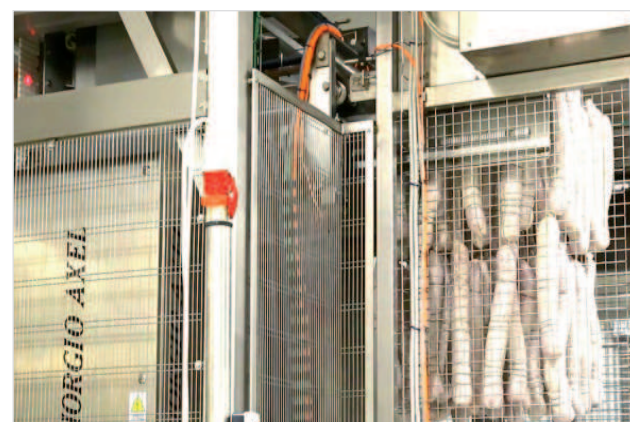
Our plants can be fed by our automatic or semi-automatic loading devices. The salamis loading can be done manually, anyway with no effort for the operators, or automatically with machines that can be connected to the customers' filling and clipping lines.
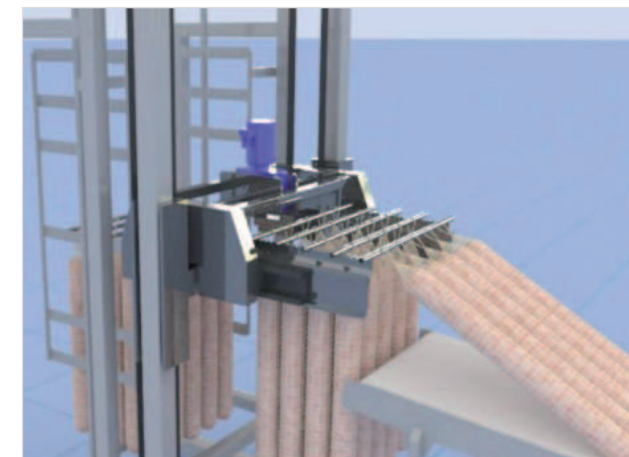

Thanks to the particularly stiff structure it's possible to collect from the loaders, even in the same plant, all the products of a whole level or only part of them. The perfect management of the accelerations permits to obtain high speeds with very low products' oscillations, warranting high performances.

TFRC can load and unload very high trees, trolleys, racks and frames moved by LGV or by overhead rail system, independently from the loading height. During the unloading phase it's moreover possible to unload one by one bars to feed packaging and peeling lines or to automatically extract bellies from the hanhing combs to feed pressing lines.

The minimal amount of space of the products collecting forks permits to fully take advantage of the loading capacity of rods and frames.

Thanks to the fully-developed software it's possible to recognize trolleys', racks' and frames' features, in other words even to adapt the plant to equipment non particularly accurate, because not made for automation.

TFRC has a great precision of movements that, in synergy with the self-adjusting software, permits to manage the insertion of rods even in presence of very restricted dimensional tolerances. It can more over manage all the problems coming out from the need to treat products with high shape's imperfections, without damaging them and without load reduction.

TFRC can be used even for cured ham both lying during salting phases and hung in the following production phases. TFRC can connect the normal front-back working modality with the possibility to make rotations of the product around the vertical axis, always with oscillations control and in the smallest possible space.