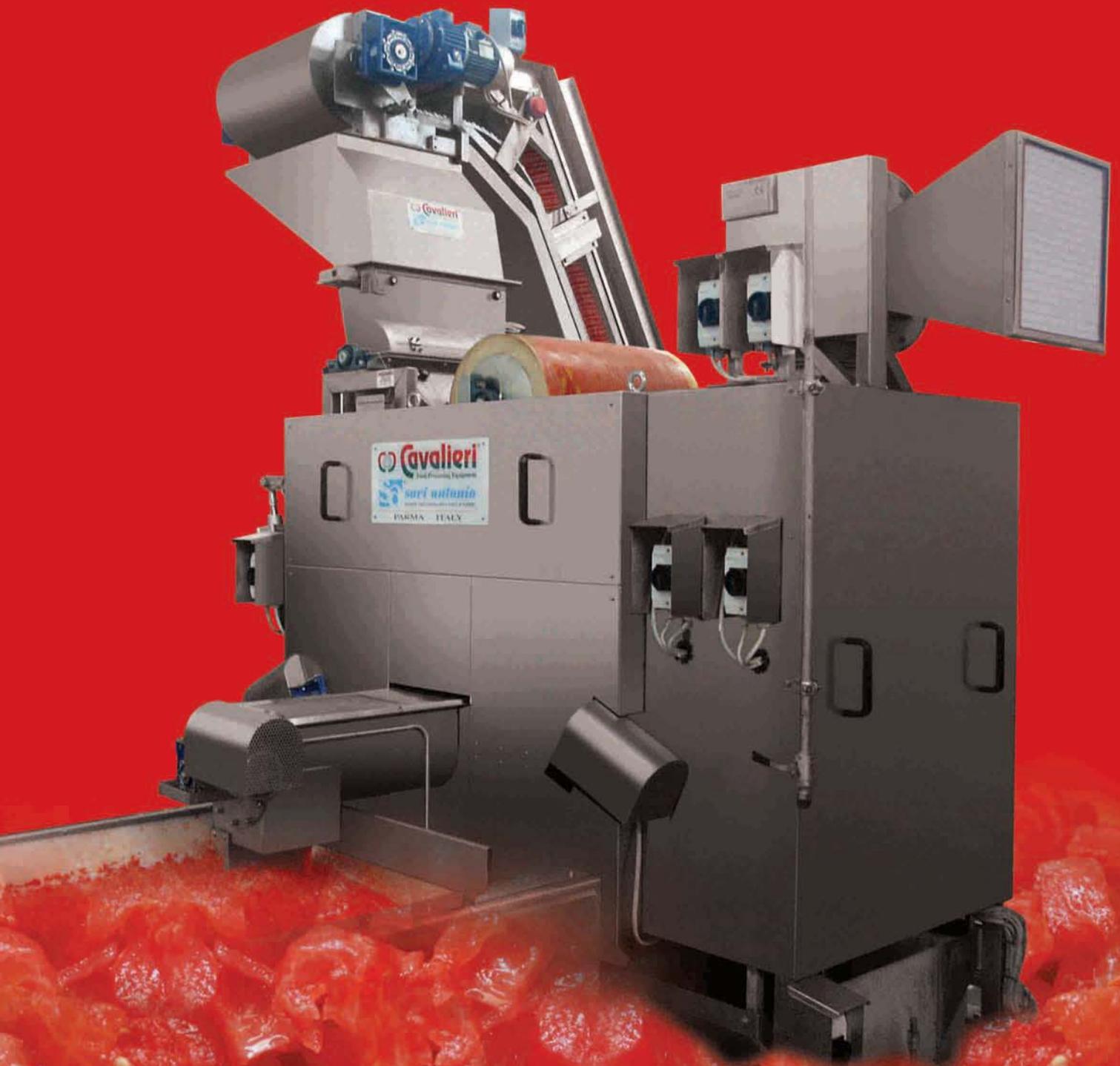


Lunapiena

*New high production rotary DICER
(patented)*



 **Cavalieri**TM
Food Processing Equipment



Peeled tomatoes fed to the slicer



Peeled tomatoes fed to the slicer

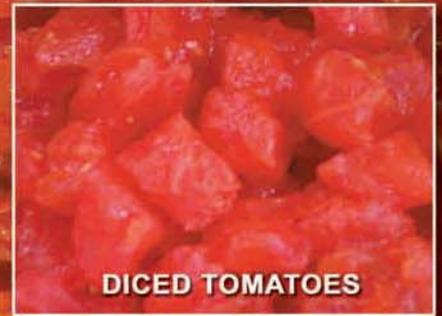
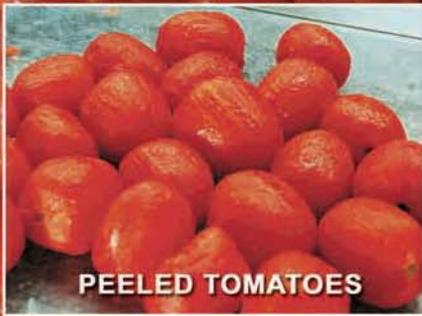


Vertical slicer



Ejecting roller and pressure roller on the drum





we Dice tomatoes and we Remove the peel

New high production rotary dicer (patented)

This new dicer, unlike the others on the market, has been designed and built to perform a high productive and quality output.

Thanks to a new and patented cutting system, the dicer can reach an infeed capacity of approximately 25 tons per hour of peeled tomatoes; while its dicing output is approximately 75-80%, depending on tomato ripeness and variety.

Simple construction and easy change-over are its main features, change-over, in fact, can be performed just by replacing the rotary drum.

Its construction conforms to all the current sanitary regulations on the materials to be used.

OPERATION

A porter elevator constantly feeds peeled tomatoes to the round knife Slicer, which cuts them into slices and slides them into the rotary dicer. Here, a suitable drum made of sharp and spaced blades performs regular tomato

dices of the requested size, thanks to the action of a pressure roller and of an ejecting one.

Tomato dices, seeds and juice are collected by a screw positioned inside the drum and they are subsequently sent to the roll feeder, where seeds and juice are separated from dices.

A suitable fan blows air onto the grid sectors and, together with the big brush positioned below, separates possible peel tags from tomato dices. The brush is also useful to keep the grid sectors constantly clean during the return stage, before the new cut is performed.

The drum washing, quick and made in the pre-set times, is assured by an electric pump and takes place during the return stage. The water used is never mixed to wastes, as a suitable channel, acting as a divider, conveys it outside separating wastes at the same time.

A frequency converter adjusts the drum speed according to the feed capacity.

ADVANTAGES

- Perfect and regular cut.
- Customized format.
- Easy change-over
- Removal of possible peel tags from tomato dices.
- Total recovery of all the processing wastes (peels, seeds and juice etc ...).



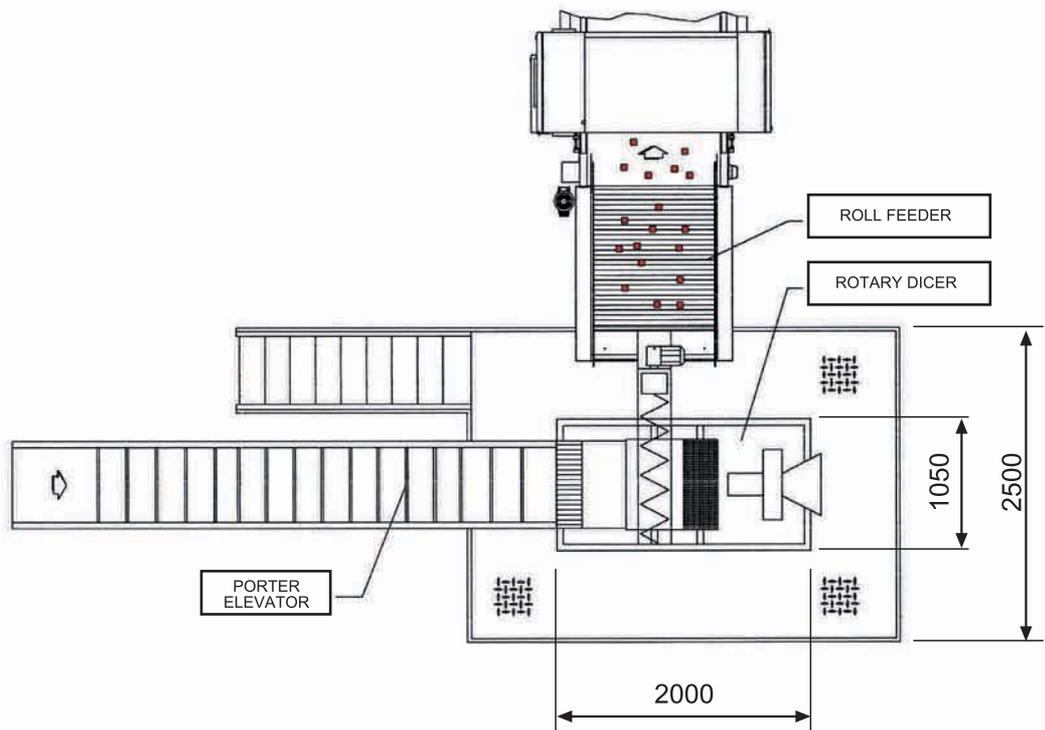
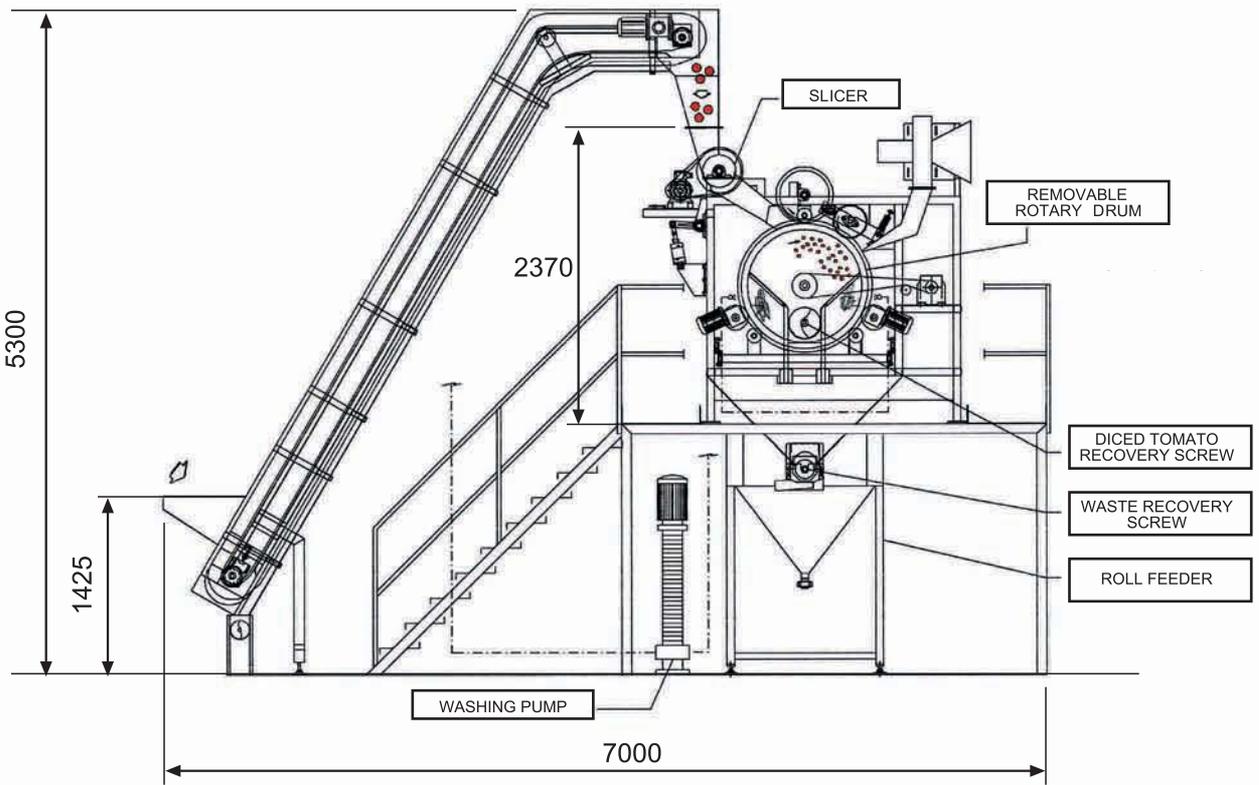
Change-over



Diced tomato outfeed from the machine.



Diced tomatoes on the roll feeder



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