



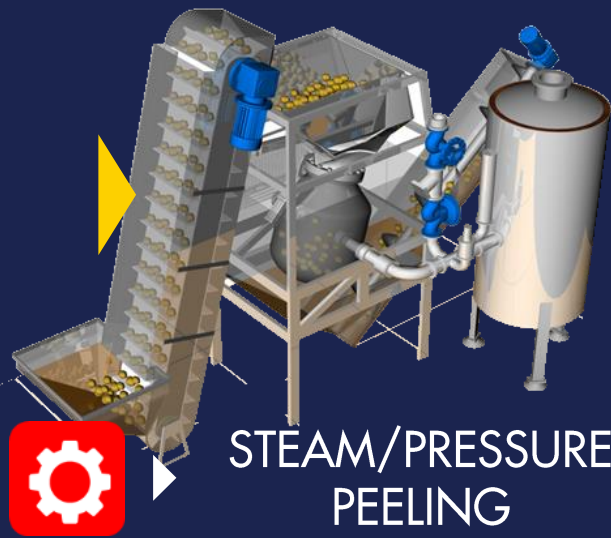
LEADERS  
INNOVATE.

▶ **STEAM PEELING LINE**  
OVERVIEW



# STEAM PEELING LINE PREPARATION

Complete line and solution for STEAM PEELING preparation for **CARROT**, **POTATO**, **PEACH** and **BEEF** for different final products and transformation



**STEAM/PRESSURE  
PEELING**

From 2000 up to 35.000 KG/H  
(according to product)

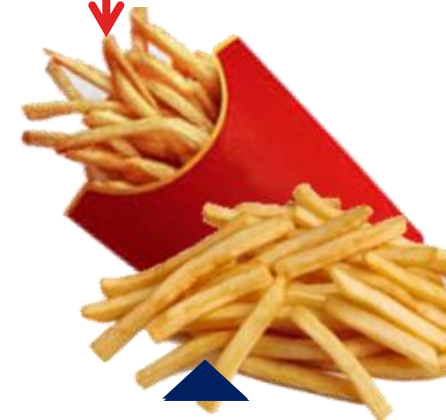
# PRODUCT APPLICATION



**RAW MATERIAL**



**CYCLONE  
DESTONER**



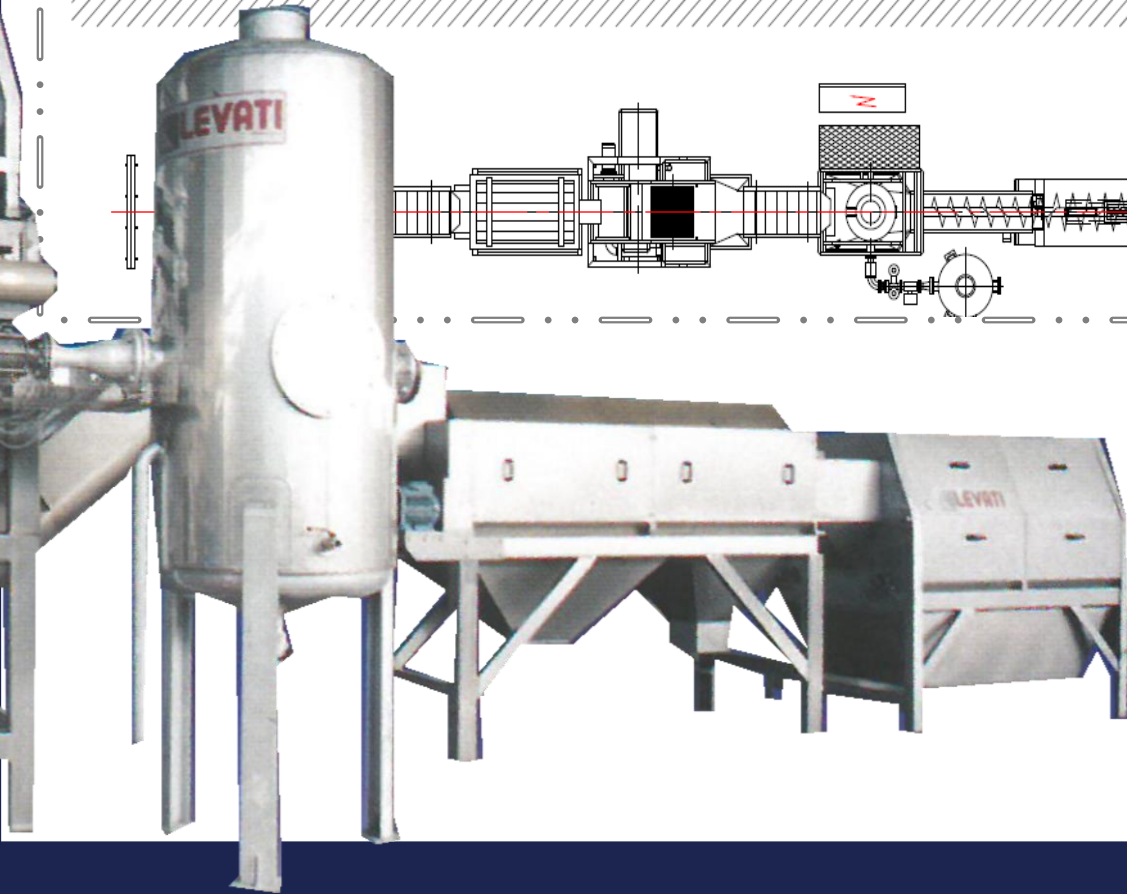
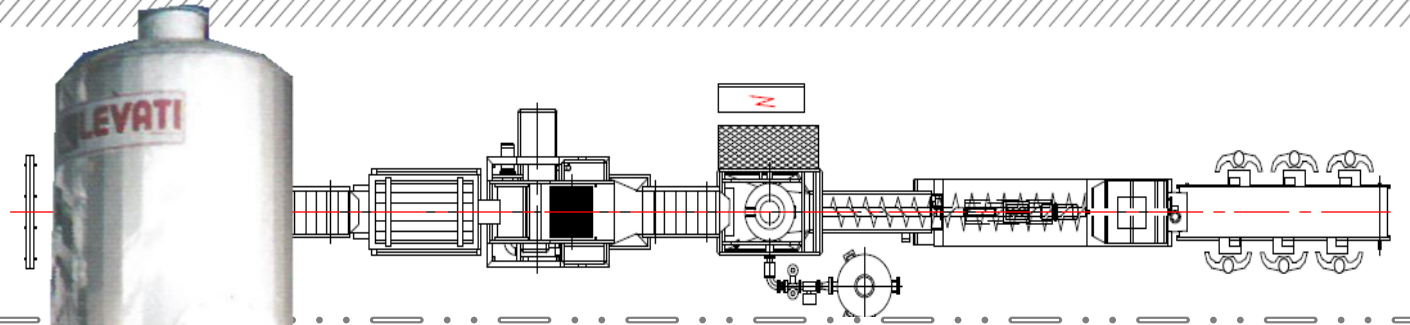
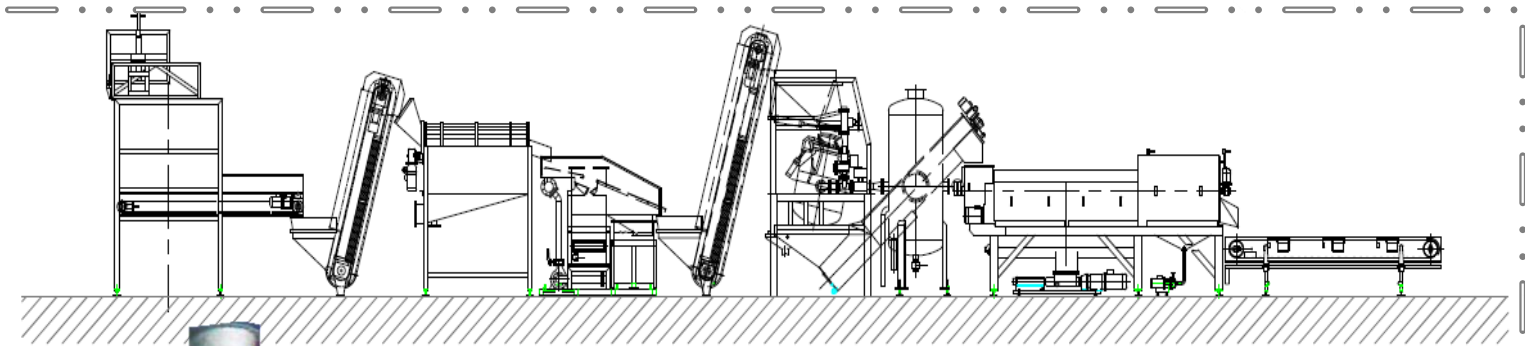
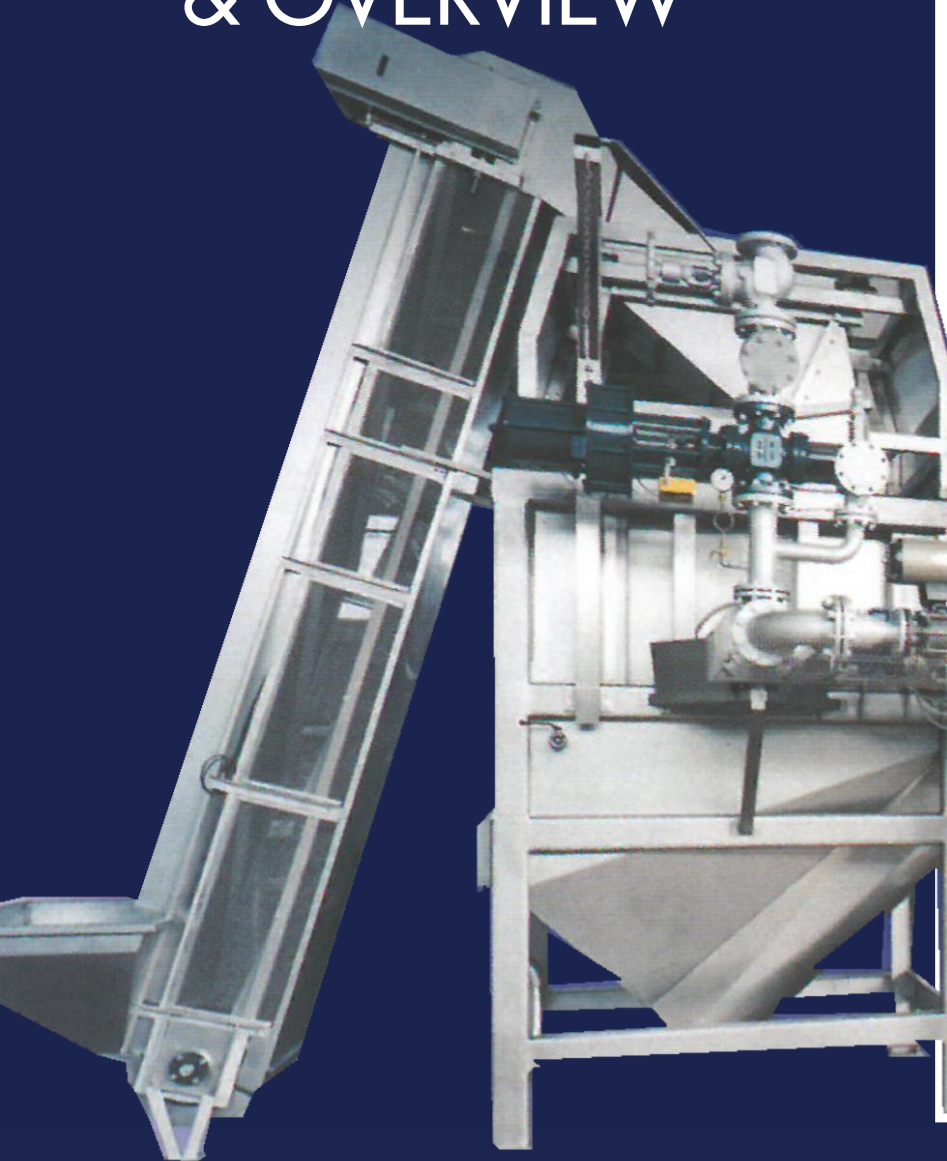
**FRENCH-  
FRIES**



**JUICE  
& PUREE**



# LAYOUT & OVERVIEW

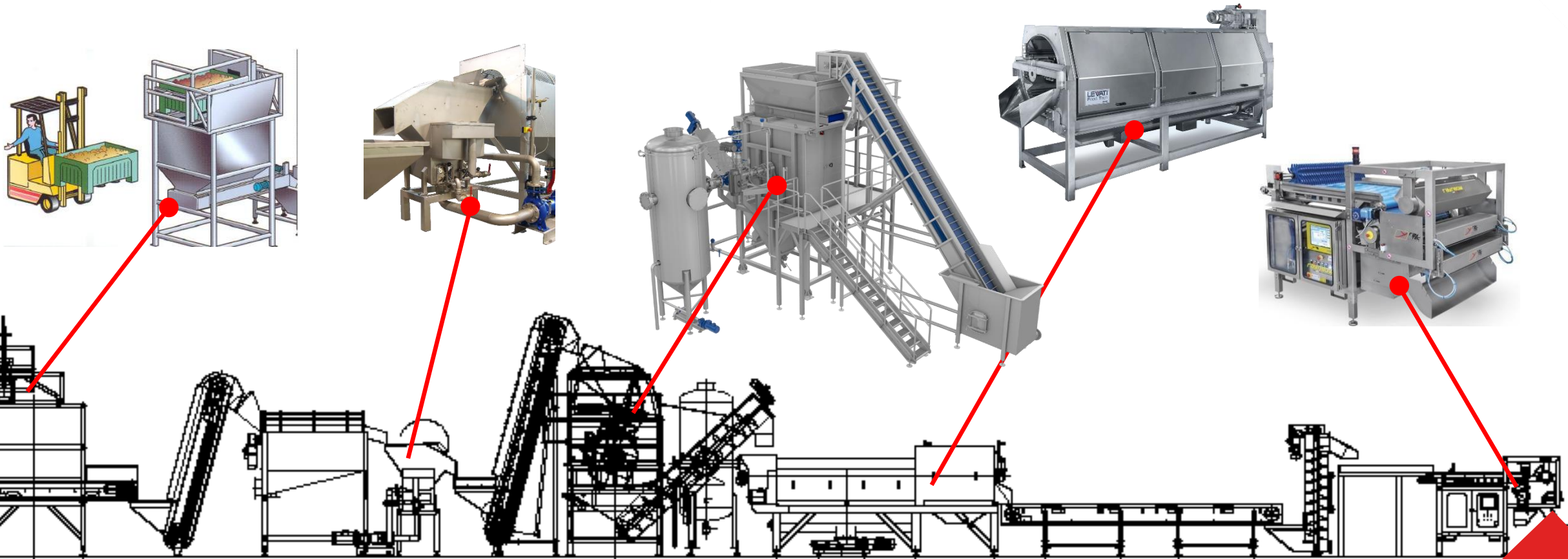


# ▶ PRODUCT INFEED, WASHING, PEELING and SORTING

THE LINE INCLUDE ALL PLANT AND MACHINERY FROM RAW MATERIAL INLET UP TO SORTING OF THE PEELED PRODUCT BEFORE FINAL TRANSFORMATION



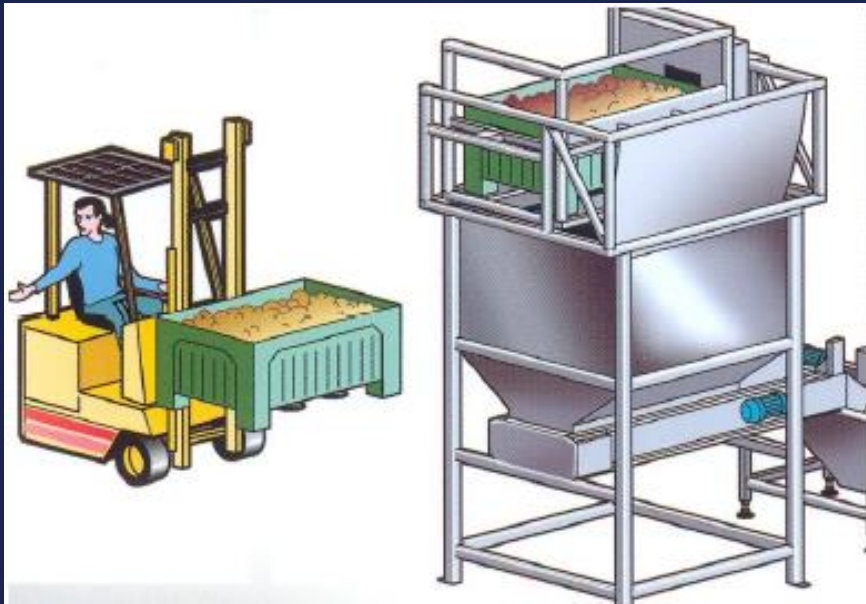
▶ Up to 35 T/H  
RAW MATERIAL





## ▶ LINE INFEED

- ❖ Silo/bunker for product constant feeding to the line.
- ❖ Construction in stainless steel.
- ❖ Crates/bins/storage BUNKER automatic loading and dumping system;
- ❖ Complete tailor made system and solutions available according to line capacity and customer needs;



# WASHING & DESTONING

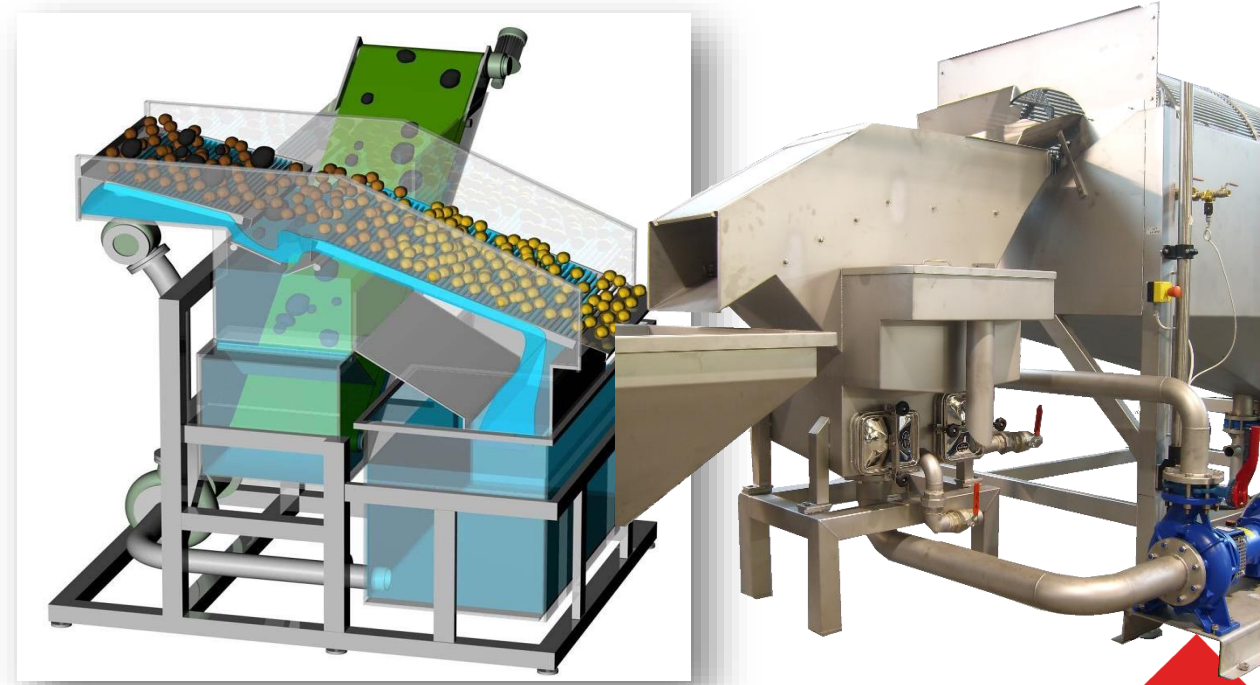
## DRUM WASHER

The washing machine with rotary drum has been designed to remove earth or debris from the product. The machine is completely made of stainless steel



## HORIZONTAL DESTONER

The horizontal or cyclone destoner has been designed to remove stones, iron pieces and heavy particles. The machine is completely made of stainless steel

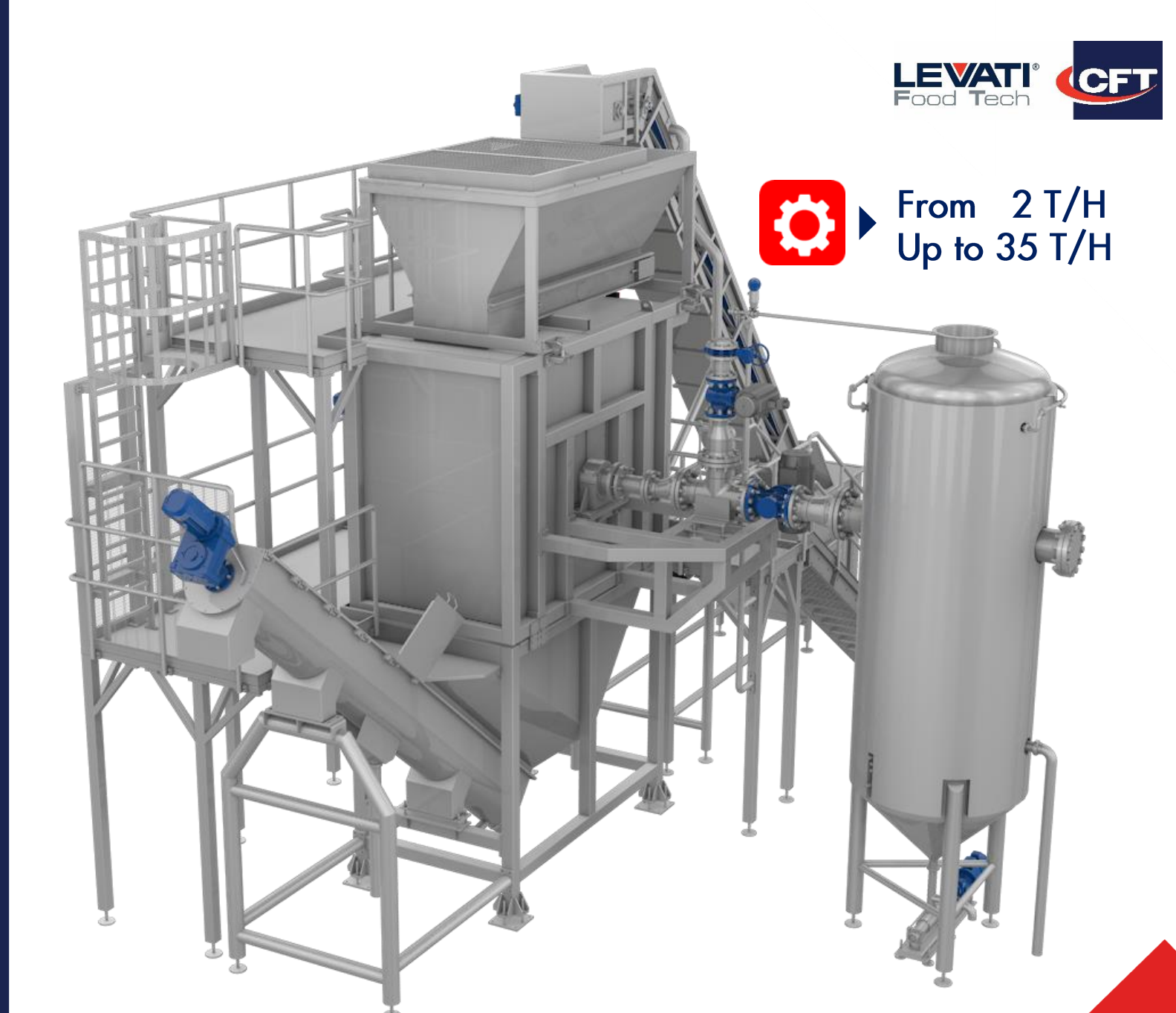




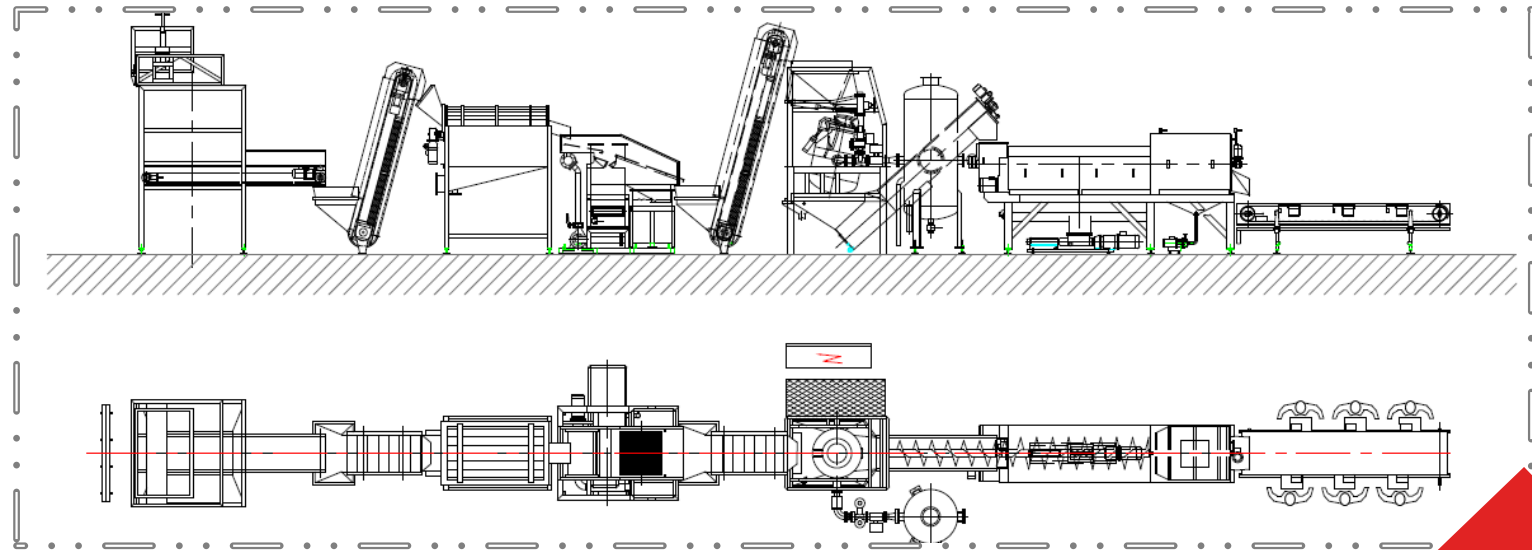
# PEELING SECTION

## GYESER – STEAM PEELER

- ❖ The steam high temperature combined with the high-pressure make instable the water of the cells of the first layer underneath the peel of potatoes.
- ❖ At the end of the peeling cycle the steam is discharged and therefore the pressure drops abruptly. The consequent evaporation of the water makes loose the peels around the potatoes.
- ❖ The potatoes are then discharged in the cooling tank where the cold water stops the potatoes cooking.
- ❖ The operator platform make easy all the cleaning and maintenance operation on the steam peeler



- ❖ Higher peeling yield is obtained with the condensate recovering system.
- ❖ Thanks to a special designed discharge valve it is possible to remove continuously the steam condensate from the peeling vessel.
- ❖ This special feature together with the possibility to peel with a higher steam pressure allows the peeling time to be reduced down to 60".





# FOCUS EQUIPMENT



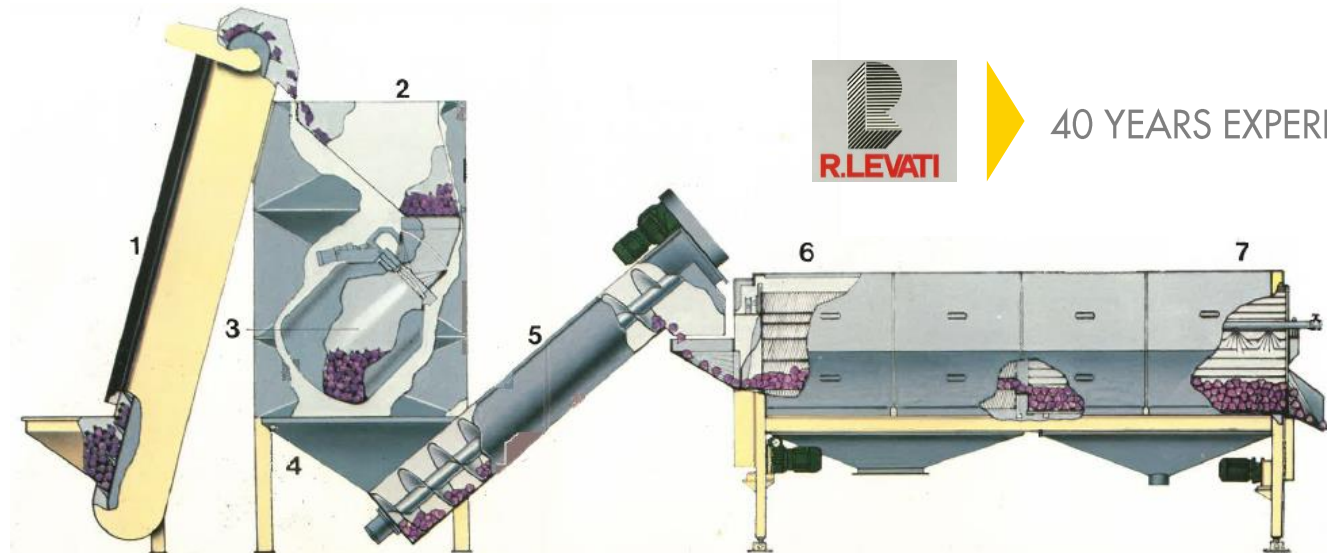
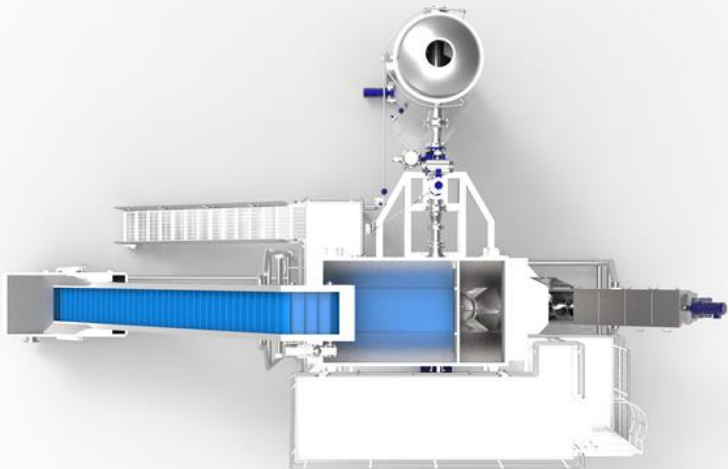
GEYSER – STEAM PEELER special vessel design for optimal product mixing and perfect treatment

- complete stainless steel execution including pressure vessel
- complete range of capacity from 2 up to 35 tons/h with more than 40 years manufacturing experience!



▶ GEYSER/STEAM PEELER

From 2000 up to 35000 KG/H

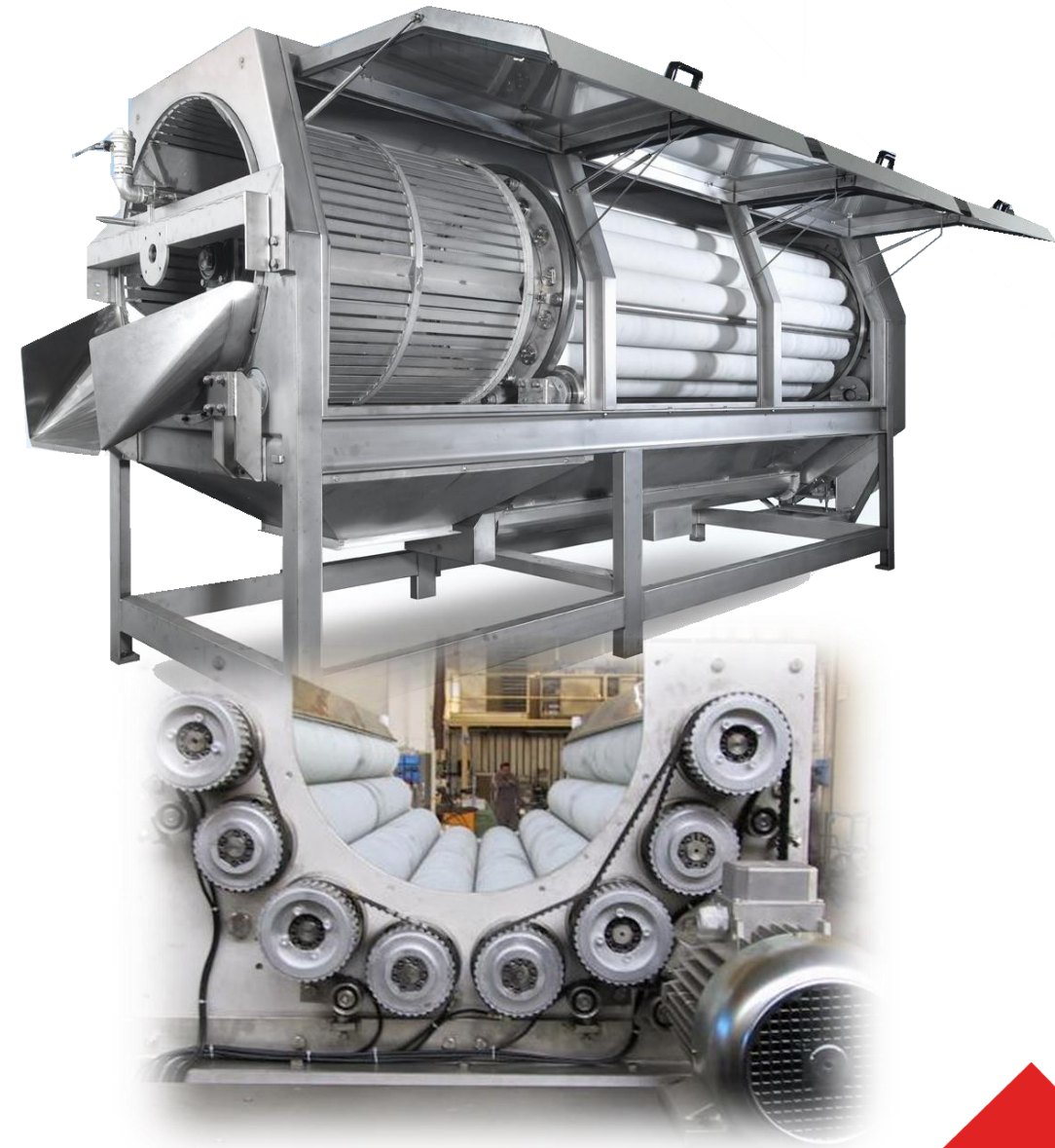


40 YEARS EXPERIENCE!

## BRUSHING & WASHING



- ❖ The brusher remove the peels from the products.
- ❖ The rollers with brushes are mounted on the cradle around the conveying screw. The brushes are driven by two motors (one for each side) with soft-start.
- ❖ Each brush is self-cleaning and discharge the peels directly in the collecting hopper. The peels are dry in order to be used as animal feed.
- ❖ The brusher is equipped with C.I.P. piping.
- ❖ According to the line capacity it may be required a drum washer (integrated in the machine to perform the final cleaning of the potatoes).





# SORTING SECTION (MANUAL and OPTICAL)

## MANUAL SORTING

Potatoes are sorted. The operators remove all the bad potatoes or clean the potatoes removing the defects (black dots, sprouts...) and release the wastes in the side pockets.

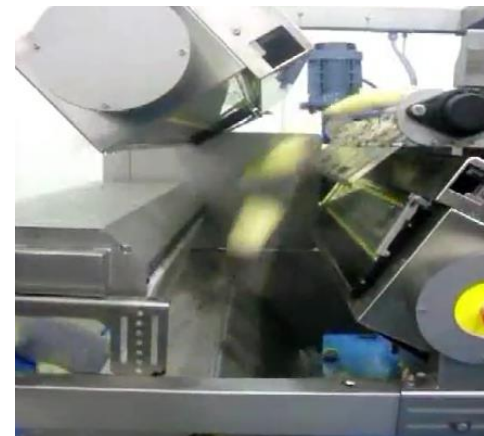


- The wastage are then conveyed from the return side of the belt to the feeding edge where they are collected in the wastage bin

## OPTICAL SORTING



- ❖ RAYTEC VISION, part of CFT GROUP, produce optical sorting system to be integrated on CFT lines;
- ❖ The optical sorting is available both for WHOLE PEELED or CUTTED products



THANK YOU!



[www.cft-group.com](http://www.cft-group.com)