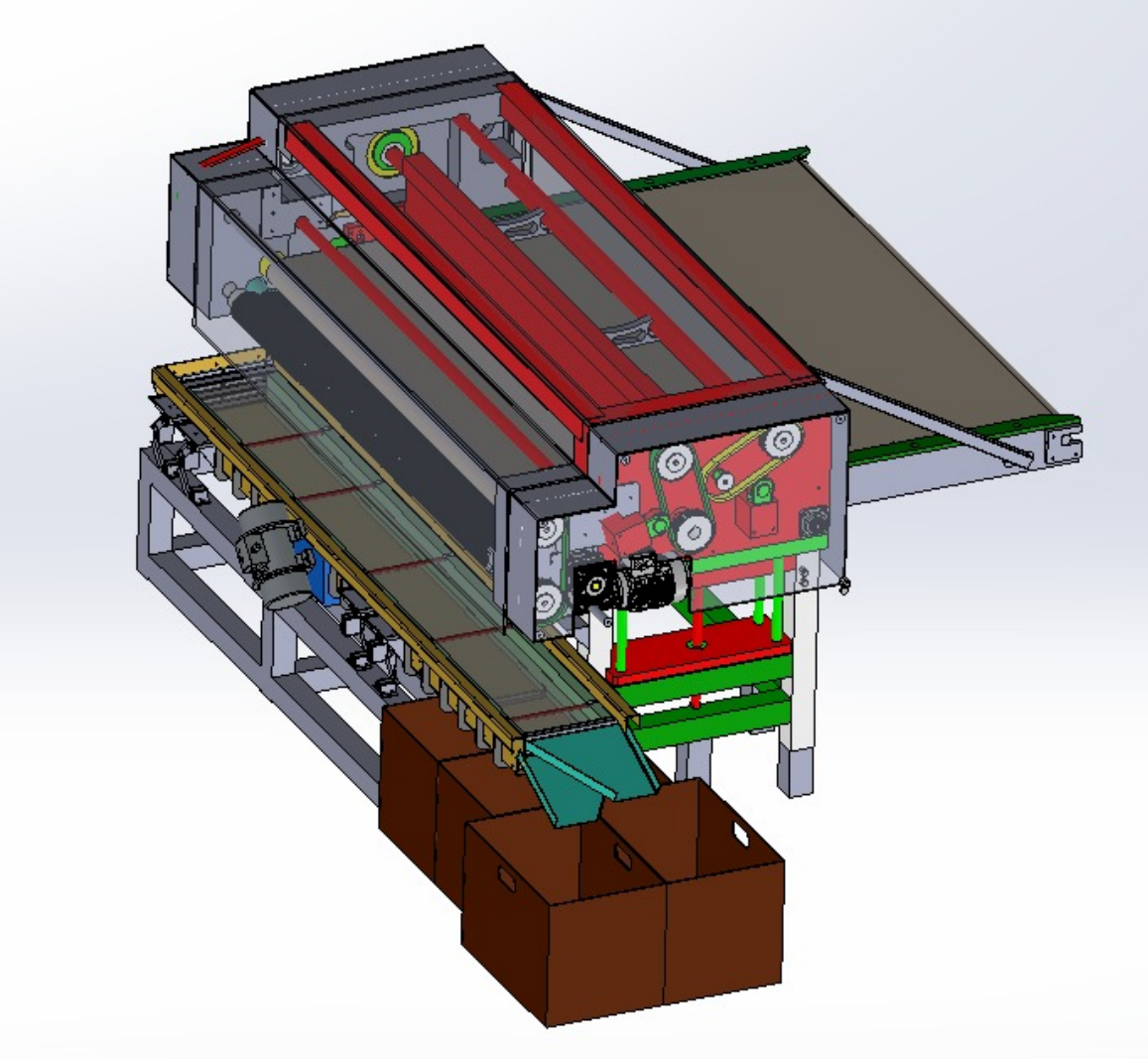
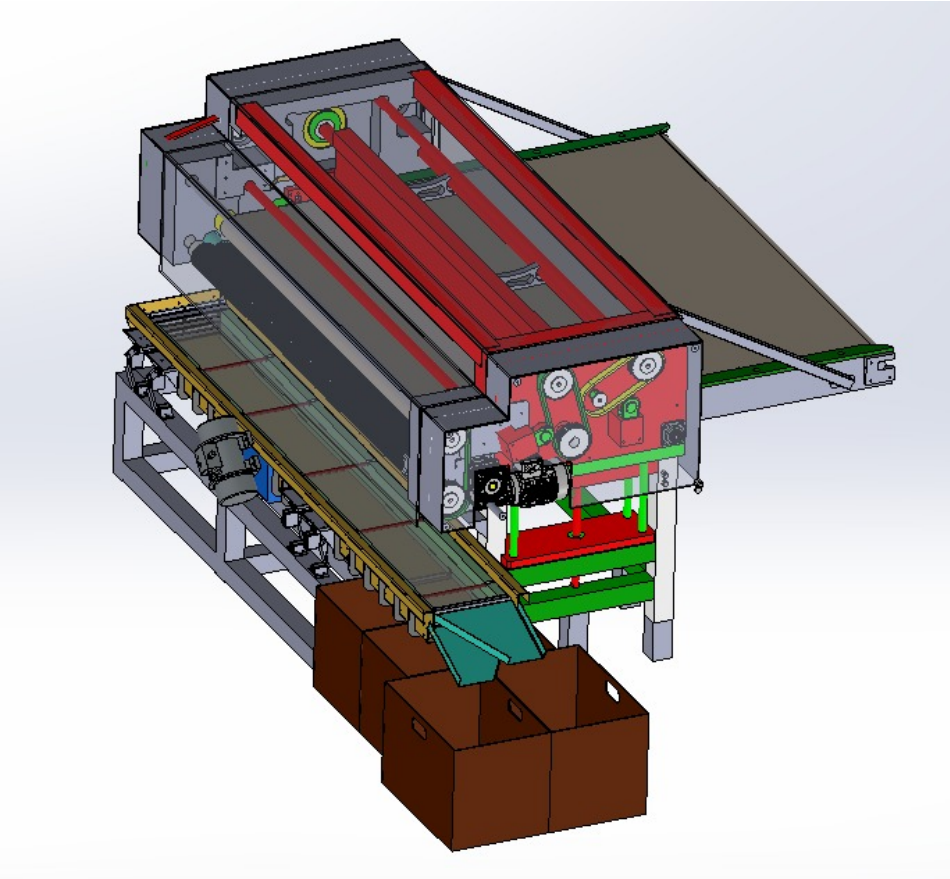
CHOCOLATE CUTTING & SIZE SEPARATION

Guillotine cutting. Disc blades.
Vibratory size separation.





From sheet to pieces.

Chocolate sheet arriving from the line is cut by guillotine and disc blades. The cut product passes to a vibrating sieve, where pieces are separated into different outlets by size.

Infeed

A PU belt conveyor carries chocolate sheet to the cutting zone.

Cutting

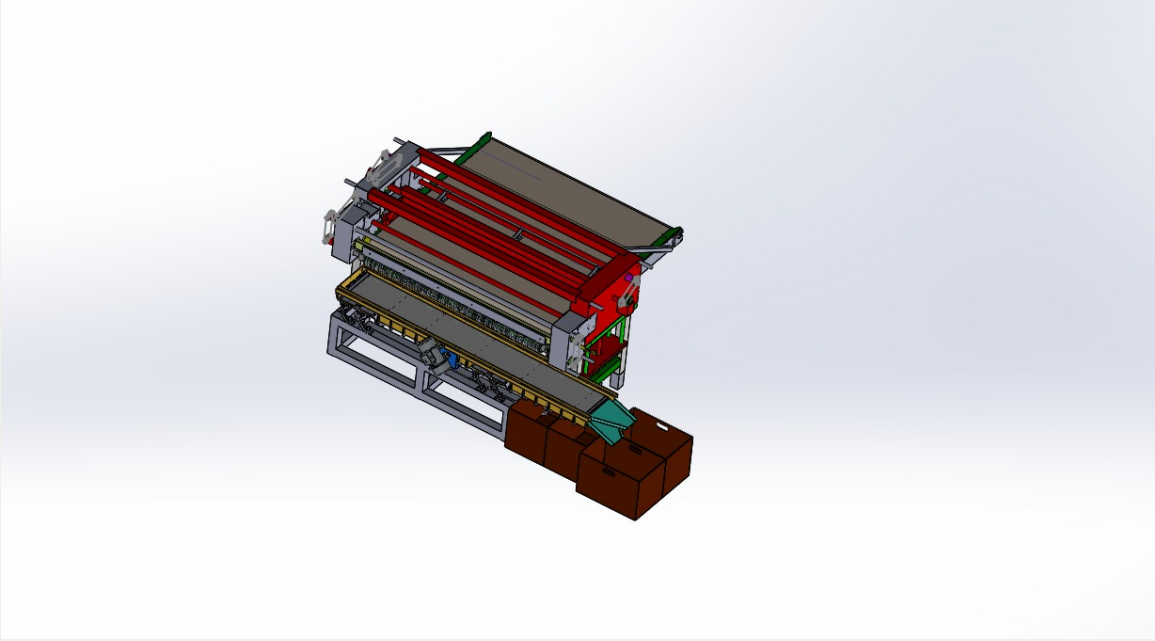
Two blade actions perform the strip and piece cutting tasks.

Separation

A vibrating sieve classifies the cut product.

Two blade arrangements. One cutting sequence.

The guillotine blade moves up and down to form chocolate strips. Disc blades provide the second part of the cutting arrangement. Conveying and cutting are considered together with the flow of the production line.



01

Chocolate sheet enters the conveyor

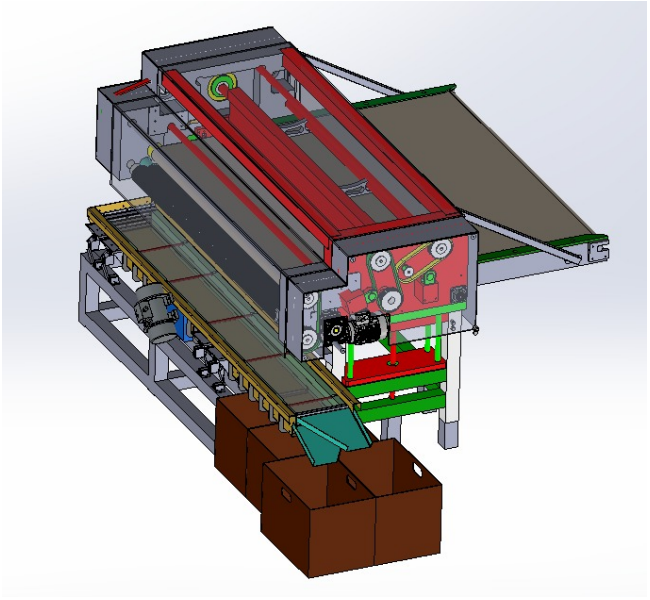
02

Cutting with guillotine and disc blades

03

Cut product transfers to the vibrating sieve

Size separation after cutting.



INNOVAS / APPLICATION DETAIL

Four separate collection outlets direct the size-separated products to different points. The sieve arrangement separates different piece sizes after cutting. Product form and the required outlets are key inputs when assessing the line.

Product flow

Transfer from cutting to sieving

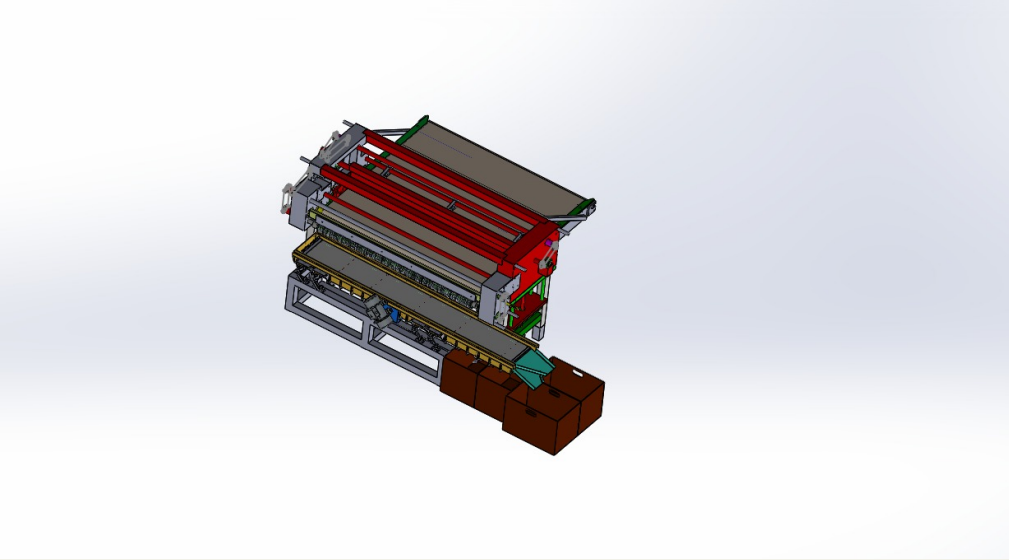
Collection

Separate outlets for different sizes

Layout

Line width is considered according to customer requirements

Mechanical construction and line integration.



The conveyor, blades and vibrating sieve are successive elements of the same process. The conveyor profiles, belt and blades are the main elements of this mechanical arrangement.

Conveyor

304 stainless steel profiles and 5083 aluminium side blocks

Belt

White PU conveyor belt

Blades

1 mm spring steel

Define the cutting arrangement around your product.

Topics for the project discussion

01 Chocolate sheet format

02 Required piece characteristics

03 Line infeed and outlet arrangement

INNOVAS
Machinery and process solutions

Let’s define your project.

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