

Chocolate Products

Flexible High Performance Packaging System

Different Packaging styles
Large Product Variety
One Packaging System



Challenge

A moulding line installed at the customer's site produces a wide variety of products, from 100 g bars to small chocolates and pyramid-shaped products. The flexibility of the processing line was the challenge for the packaging system to be installed. All products should be packaged under high performance with a packaging system directly connected to the process equipment.

One Packaging System for all Products



Top Twist
Ø 26.5 x 22.1 mm
10 g
800 wrapped products/min

Double Twist
Ø 26.5 x 22.1 mm
10 g
900 wrapped products/min

Flow Pack
156 x 75 x 8 mm
100 g
350 wrapped products/min



Flow Pack
145 x 70 x 9.8 mm
80 g
380 wrapped products/min



Flow Pack
77 x 77 x 8.2 mm
45 g
750 wrapped products/min



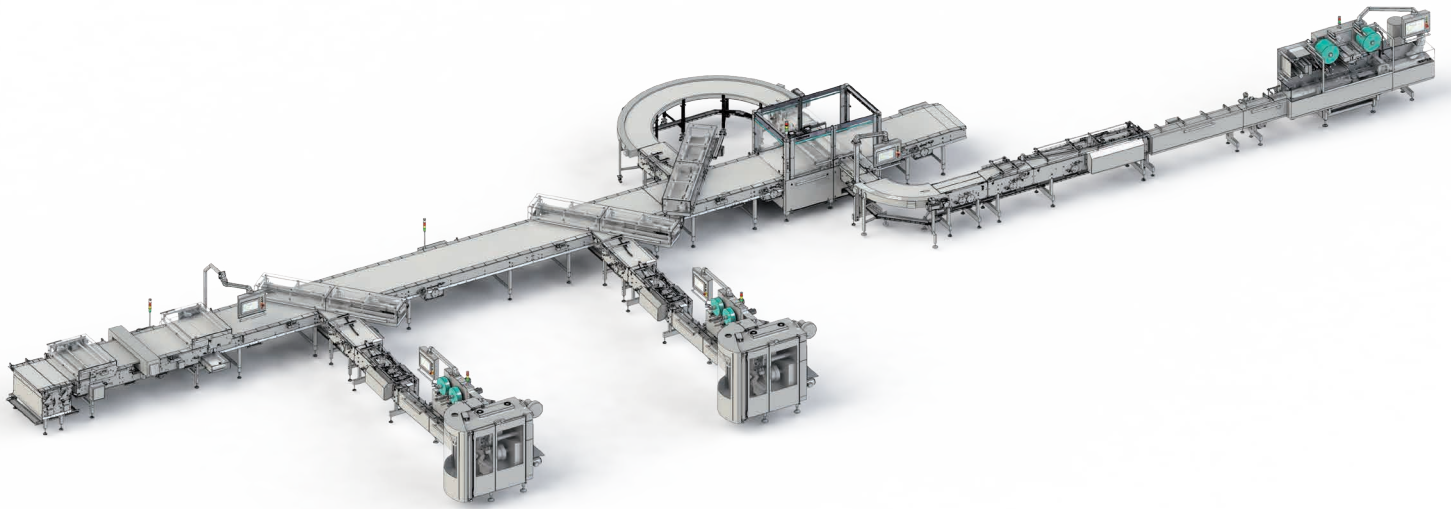
Flow Pack
90 x 28 x 10.1 mm
22 g
710 wrapped products/min



Flow Pack
90 x 25 x 11.7 mm
25 g
710 wrapped products/min



Flow Pack
35 x 25 x 17.5 mm
10.5 g
1,100 wrapped products/min



Flexible Packaging System

Theegarten-Pactec designed a tailor-made packaging system that meets the flexibility of the upstream process line. A series of conveyor stages directly connected to the process line take over the product flow and transfer it to the packaging machines. The flexibility of the system is characterized by the possibility of diverting the product flow to the different types of packaging machines as required. If the chocolate products are to be packed in flow packs, these are fed to the FPC5 packaging machine. The changeover of the processing line to small chocolate pralines also involves the redirection of the product flow to the MCC packaging machines for double twist or top twist wrapping. This configuration of the packaging system is fully automatic by recipe selection and without mechanical interventions within the individual belt stages.

The packaging machines themselves also provide customers with a high degree of flexibility. For example, the MCC can be converted to different wrapping types and product dimensions. In this case, the customer is using this flexibility to package products in double twist wrap and top twist on the MCCs. And the FPC5 form fill and seal machine enables quick changeover to different product dimensions.

1

Flexibility

Different product dimensions and different packaging styles can be handled with only one packaging system from Theegarten-Pactec

2

Cost-saving

One packaging system for different products reduces costs in investment, in the operation of the system and saves expensive production space.

3

Security of Investment

Due to its flexibility, the system is particularly suitable for different products and folding types that are in seasonal demand. This ensures that the high capacity is utilized throughout the whole year. The possibility of integrating additional products at a later stage additionally increases investment security.

