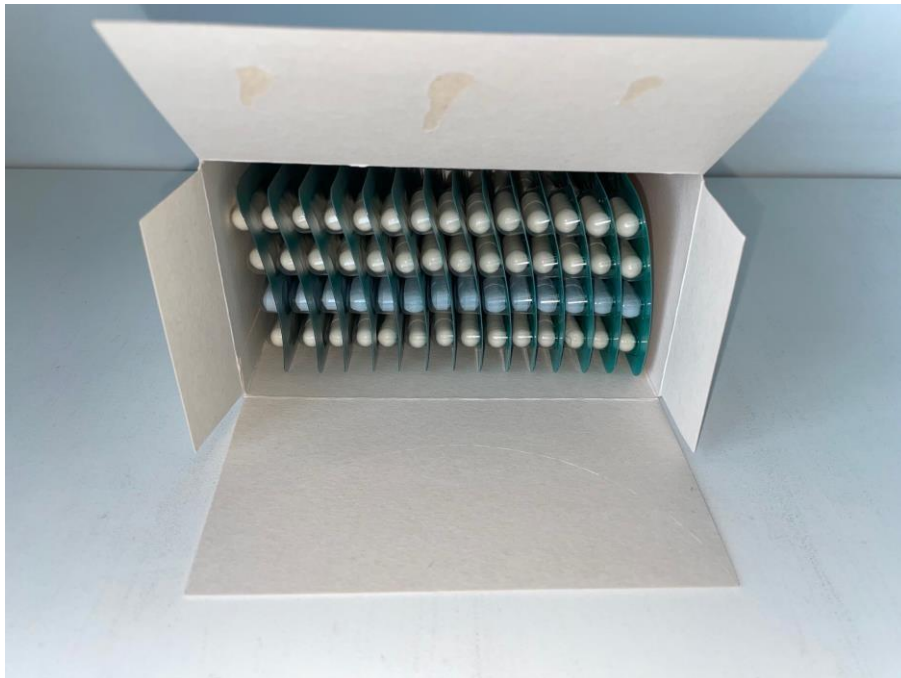


# Application News

## Large Blister Counts in Cartons



How can Hospital or Dispenser Packs be produced cost effective by fully automatic operation ?

Romaco offers various automated blisterline solutions for this demanding task.

### **1. Multiple stacks of blisters per carton:**

Up to 3 blister stacks side by side in the bucket chain of the cartoner with the possibility to insert two individual buckets into one carton. This solutions allows for up to 6 blister stacks per carton, also giving the opportunity for 1 individual stack inside the carton. So, Hospital, Dispenser Packs and standard blister cartons can be created on one machine.

The optimal application for this solutions is the focus on a very high count of blisters into cartons with limited amount of change-over, due to higher change-over afford compared to standard blister transfer system.

**2. Blister in cartons stacked one edge along “A” dimension of carton:**

This is the most flexible solution for packing high-counts of blisters into cartons. This standardized system allows for easy change-over between standard cartons and hospital/dispenser packs. The amount of blisters is limited according to the max. A dimension of the carton (either 120 mm for P91 or 150 mm for P91L). Another important detail of this solution is the the very uncritical and low cost carton design, which this solution allows for: Very limited waste during carton production (compared to solution1) and easy to operate ratio of closing flaps allow for a very cost effective production in regard to material costs and operational safety.

The optimal application is in the counts of approx. 15-20 blisters per carton with a variety of different blister dimensions and counts per carton. It is also a very interesting solution in case, customers originally require “B” dimensions in the range of up to 105 or 110 mm. Switching from these very high B dimensions to a much more easy to handle and lower cost carton with large A dimension increases cost effectiveness or production immediately.

**3. Blister in cartons stacked on edge along “C” dimension of carton:**

This solution is particularly suitable for display packs of blisters with a slider at the bottom to release one blister after the other. This requires to have all blisters packed in a single stack. Depending on the utilized model of cartoner, the display can be produced with a stacking height of up to 250 mm.

In combination with the standard Romaco blister magazine, the solution allows to also produce standard blister cartons with low counts. From a technical aspect, this solution is the most complex way to produce high amount of blisters fully automatically. On the other hand, it suits perfectly the display pack requirements.

Please also note, for display pack requirements with displays higher than 250 mm or for applications with late stage customization, we can also offer semi-automatic solutions for this application.

**Romaco offers a variety of very clever solutions to pack a high amount of blisters into cartons. Please challenge us! We are looking forward to your inquiries.**

