

EI-Exis SP Produces Screw Caps in Chile



Sumitomo (SHI) Demag's EI-Exis SP produces screw caps for Coca-Cola in Chile (figure: Coca-Cola Germany)

With an annual production of more than one billion parts, Envases CMF S.A., the largest packaging producer in Chile, sees itself as one of the leading domestic PET processors. As a shareholder of Chilean plastics processor Envases CMF S.A., the second-largest Chilean Coca-Cola bottler Coca-Cola Embonor S.A. anticipates predominantly innovative cap solutions. Hence, CMF decided to include lightweight plastic screw caps in their product portfolio.

The timeline for planning and completion of the production line for 28 mm lightweight caps for carbonated beverages with PCO 1881 had been highly ambitious. At the center of the production line were two Sumitomo (SHI) Demag EI-Exis SP injection molding machines that are specially developed for cap production at maximum mold speeds.



Production line for Coca-Cola screw caps with two high-speed EI-Exis SP injection molding machines operated by Chilean packaging specialist Envases CMF (figure: StackTeck)

As systems integrators, the Canadian mold manufacturer StackTeck not only supplied both 96-cavity molds, but was also responsible for planning the entire line, including machinery, ancillary equipment, test and cooling systems as well as in-line inspection, part transfer, internal and external part decoration and boxing systems. For the managers at Envases CMF S.A. and StackTeck, the decision to choose the EI-Exis SP injection molding machines was successful in every respect. "We were particularly impressed with how easily the machine integrated as part of the system. After millions of cycles our customer continues to be very happy with the performance and reliability", **Simon Martin**, Director Closure Systems at StackTeck points out.