

# Tested solutions, individually adapted

A new laminating line from KROENERT was successfully put into operation at Constantia Teich

To develop individual designs based on proven machine concepts is said to be one of the core competences of the Hamburg experts of KROENERT. They took the chance to prove it impressively with one of the latest machine deliveries to Constantia Teich, Weinberg (Austria).

Constantia Teich is one of the leading suppliers of flexible packaging material and part of the Constantia Flexibles Group. The company processes different materials like aluminium, paper and plastics to manufacture packaging which is mainly suitable for food, pet food and pharmaceutical products. The aim of the latest invention in a new KROENERT laminating line was to enlarge the range of possible applications by simultaneously guaranteeing high product quality and energy-efficient operation. To ensure that the new line would simultaneously offer three applications instead of two, the maximum web width was extended to 1900mm.

Following extensive market research, KROENERT was awarded the contract. The deciding factor, besides the Hamburg company's product quality, was the extensive experience it has in the high-speed processing, even at high temperatures, of the thinnest aluminium foils. What counted most in KROENERT's favour was the in-house Technology Centre at the company headquarters. Constantia Teich, together with KROENERT experts, was able to conduct an extensive series of tests at production scale



A look at KROENERT's laminating line which was installed at Constantia Teich

in order to determine the optimum machine configuration for the RECO. This configuration was then implemented accordingly during the construction of the line.

The new coating and laminating line is perfectly aligned to the needs of the Austrian packaging manufacturer. The equipment includes a primary unwinder for the aluminium foil, two coating heads with trolley technology for double-sided coating and/or coating with laminating adhesives, high-performance dryers with high-temperature technology configured on two levels for annealing lacquers, laminating station with laminate unwinder, corona treatment,

printing, winding the finished intermediate product, all turret winders for roll changes at production speeds. Transportation to Austria followed the completion of project planning, manufacturing and pre-assembly of the line in Hamburg. A new complex in Weinberg was built specifically for the line, allowing storage areas and further processing facilities in the immediate vicinity. Under supervision and control of KROENERT engineers the line was assembled, piped and wired and then brought into operation. After joint test runs and production trials the line was handed over to Constantia Teich Production, and has been in multi-shift operation since then. ■



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