

PRESS RELEASE October 2022

Leistritz Extrusionstechnik is selling more than 45 twin screw extruders to Brückner Maschinenbau

Brückner relies on Leistritz twin screw extruders on a large scale for its battery separator, BO-PP, and BO-PET film production lines – the partnership is growing

Nuremberg (October 2022) – In 2013, Brückner and Leistritz started to cooperate in the production of battery separator films. The successfully running production facilities, the good service, and the continuous further development through the joint trials in the Leistritz pilot plant led to the fact that, with orders for more than 45 twin screw extruders, the machine manufacturer from Siegsdorf once again relies on the technological expertise of Leistritz Extrusionstechnik.

The good melt quality, the succeeded implemented projects and the successful trials have convinced Brückner and its customers. For this reason, Brückner is integrating the machines from Bavaria in numerous other lines for the production of battery separator film and is also using the twin-screw extruders for the first time in film lines for the production of BO-PP and BO-PET.

Battery separator films can be found in many everyday objects, as they are an essential part of a battery to electrically isolate the anode and cathode from each other. At the same time, enabling the exchange of the ions from one side to the other is essential for the functioning of the battery. The battery separator film is manufactured in the so-called “wet process”. The process is very sophisticated: Oil is mixed into an (ultra-)high-molecular-weight polyethylene and is dissolved out after the film has been manufactured. “The extruder has to incorporate the low-viscosity oil into the very high-viscosity PE melt very homogeneously. Our ZSE MAXX is ideal for this purpose. We are very pleased that Brückner continues to rely on our process engineering expertise for this application and also places confidence in us for other processes,” says Frederik Huck, Regional Sales Manager & Key Account Manager for Brückner at Leistritz Extrusionstechnik GmbH.

“We rely on Leistritz, because we believe in its process engineering solutions and expertise. Through our cooperative partnership, the quality and overall performance of our production lines is continuously improved and adapted to the ever-increasing customer requirements,” explains Dr. Wolfgang Niessen, Senior Expert Procurement at Brückner Maschinenbau.

Leistritz Extrusionstechnik GmbH

For more than 80 years, Leistritz Extrusionstechnik GmbH, headquartered in Nuremberg, has been manufacturing twin screws for compounding technology. Leistritz customers benefit from the know-how in various areas of material processing such as masterbatch, compounding, direct extrusion as well as laboratory and pharmaceutical extrusion. The company employs about 240 people worldwide and has three branch offices: in the US (American Leistritz Extruder Corp.), in China (Leistritz Machinery (Taicang) Co. Ltd.) and in Singapore (Leistritz SEA Pte Ltd.), as well as a sales office in France.

For more information:

Leistritz Extrusionstechnik GmbH
Daniela Franz
Markgrafenstraße 36-39
D-90459 Nuremberg
Phone: +49 (0) 911 4306 9623
Email: dfranz@leistritz.com