

PIPE EXTRUSION LINES: A SUCCESS STORY FOR CHINA

- KraussMaffei Berstorff will present a complete extrusion line, which produces twin-strand PP-R pipes, for Chinaplast at its plant in Haiyan
- With the single-screw extruder KME 60-30 B/R, which will be exhibited at Chinaplas, KraussMaffei Berstorff is extending its product portfolio in the successful

Performance Series to meet the requirements on the Chinese market

(Munich, April 24, 2016) During Chinaplas in Shanghai (April 25 to 28,

2016, booth A10), KraussMaffei Berstorff will present a single-screw extruder in the 30D Series (KME 60 – 30 B/R) with newly developed screw geometry. This extruder is produced in China specially to meet the requirements of the local market for PP-R processing. On the occasion of Chinaplas KraussMaffei Berstorff will open the plant of the KraussMaffei Group in Haiyan on April 26, 2016. Customers and interested parties will see a live demonstration of the production of twin-strand PP-R pipes (diameter between 20 and 40 mm). Twin-strand technology – produced locally with German engineering – to reduce unit wage costs

"Economical production, high outputs and perfect end product quality have also long been standard requirements in the mechanical engineering and system construction industry in China," emphasized Michael Hofhus, Vice President Extrusion at KraussMaffei Berstorff in China. "As a competent system supplier, we have been satisfying precisely these needs of our customers through our product portfolio in the Performance Series from our plant in Haiyan for several years. On a highly competitive local market processors focus on both quality and lower unit wage costs," said Hofhus. The twin-strand line, which will produce PP-R pipes live from 12.00 to 13.30, will demonstrate very clearly how economical production functions in a confined space. The line will produce PP-R pipes with a diameter between 20 and 40 mm at a speed of up to 25 m/min per strand and an axial distance of 450 mm. The core components of the line are the single-screw extruder KME 75-30 B/R, two co-extruders KME 20-25 D/C for strip production and two pipe heads

KM-RKW 32 from the locally produced Performance Series. The line is completed by other components ranging from a suction conveyor, a cooling zone, a saw and a haul-off through to a drop-off table. The C6 line control system ensures optimum monitoring and safe process control.



Expansion of the market position thanks to the successful

Performance Series

"In the last few years we have placed complete lines up to a diameter of 1200 mm on the market. However, we are not only very successful as a system supplier for complete lines, but also in business with individual machines," added Hofhus. "With our single-screw extruder model KME 60-30 B/R from the Performance Series, we offer processors a suitable machine concept, especially in regard to locally used materials," said Hofhus. The 30D Series, an extension of the single-screw series that has been used successfully for many years, is perfectly designed to process local PP-R material thanks to its revised screw concept. "The advantage here is the short processing unit which ensures optimum thermal and material melts homogeneity with high output, and therefore a final product of the highest possible quality. Another important criterion for Chinese producers who are increasingly setting themselves apart from competitors on the local market through high-quality products," said Hofhus. The exhibit in the 30D Series, which is produced at the production plant in Haiyan, is equipped with the new user-friendly C6 control system with its modern operating philosophy.

