

iPET preform injection system



Jason Xue from Demark (right) and Johann Lange-Brock (Media Consultant PETplanet) in front of iPET model 400/6000

Machinery manufacturer Demark, which is headquartered in Shanghai, presented its 400/6000 Preform Injection System from its iPET series at this year's Chinaplas. Demark maintains that all five injection moulding machines in the series offer the same standards and performance as those of European manufacturers, but with a lower initial investment. It has been co-operating for several years with **German mould manufacturer MHT**, in order to offer customers a range of options for complete systems (see PETplanet Insider No. 04/17).

All 400/6000 systems have independent electrically driven screws and up to five injection pressure accumulators, along with servo valve technology and 300-500t clamping force. Control systems are managed by an HMI software solution from Demark based on the Beckhoff hardware, also from Germany. The machine presented at Chinaplas demonstrated 6.2kg PET shot weight and 400t clamp, **with an MHT 128 cavity preform mould.**

"Our presence at Chinaplas is extremely important to us", says Jason Xue. "With the 400/6000 model, we primarily wanted to increase the trust of our customers, even in the high cavitation sector. The MHT tool running on our machine here demonstrates what our collaboration with that company is making possible possible for us," he continues. "With the iPET series we are primarily appealing to producers who already have experience with western machinery brands or are currently planning investment. We see ourselves as a more affordable alternative with the same preform quality. The system here is surely a good choice for the mass production of water or CSD preforms." The system's energy consumption is below 500kWh/d according to Mr Xue.