



LEISTRITZ EXTRUSIONSTECHNIK GMBH



## Press Release Interplastica 2008

### **Strongest Twin Screw Extruder of All Times Received GOST-R Certification**

**ZSE MAXX twin screw extruder from Leistriz gained the Russian GOST-R certification – ZSE MAXX model will be presented at the Interplastica (Stand FD61)**

Nuremberg/Moscow – Good news for the Leistriz Extrusionstechnik GmbH shortly before the opening of Interplastica 2008: The new ZSE MAXX twin screw extruder of the long-established company from Nuremberg has successfully passed the audit for the GOST-R certification, the Russian proof of quality. „Receiving this seal of approval for our extruders is another convincing expression for our consequent quality control“, explains CEO Günther Rduch. „As Russia has the regulation for certification, comparable to German ISO or EN certifications, it was an obligation for a company like ours, which exports their machines.“ In order to gain the sought-after certification, independent institutes had to inspect the ZSE MAXX line.

*ZSE MAXX – successfully established in the market*

At the Interplastica (from January 29<sup>th</sup> to February 1<sup>st</sup>, 2008 in Moscow) Leistriz presents a model of the certified ZSE MAXX series. With its innovations in processing technology the company once again set new patterns regarding flexibility and productivity of extrusion lines. Over 100 sold ZSE MAXX machines and far more than 150.000 operating hours – this is the respectable market success of the new Leistriz twin screw extruder.

### *Convincing features*

„With the ZSE MAXX series we take our established HP machine concept to a new dimension“, states Günther Rduch, „the ZSE MAXX series combines high volume AND highest torque in one machine.“ The new machines are the strongest in the market due to the highest specific torque (15.0 Nm/cm<sup>3</sup>).

Another crucial feature of the new series is the increased volume in the screw, the so called maXXvolume: That means, by an optimized volume/torque ratio the throughputs increase significantly by up to 30%. The drive power of the ZSE MAXX extruders provides an optimum of screw speed and torque, depending on the application. This is made possible by a new splined shaft design, which utilizes higher torque. Due to the new cooling system – maXXcooling – the cooling capacity of the extruder also had been increased up to 30%, in order to allow for the increased throughput in the processing unit. Further important advantages of this series are the high-end-gearbox of a notable German manufacturer and the water-cooled three-phase drive. This feature is called maXXtorque and stands for the most powerful drive concept for co-rotating twin screw extruder worldwide.



Stronger than ever – the ZSE 50 MAXX twin screw extruder

characters: 2.400