

rubicon - Specialist for Extrusion Equipment for technical Rubber Goods with Innovations at K'2004

Düsseldorf from 20.-27.10.2004 in hall 16, booth A 71

The rubicon-laboratory extruder type EEK 32.12 L special designed for rubber applications counts to the leading machines in that field. Now rubicon shows a **new developed laboratory hybrid extruder**, which is suitable to process as well rubber compounds as TPR's. A new innovative driving system based on AC torque motor is used in the machine saving the traditional extruder gear box completely. As the result the machine is provided with an increased screw speed range, higher screw torque, special heating/cooling system and screw design, which prepares the precondition for TPR processing. The exchange of rubber compound processing unit by TPR unit is easy. The new Hybrid extruder makes it easier for the traditional rubber compound users to start up with TPR's by the rubicon extruder in laboratory scale.

rubicon exhibits a **new Infrared shocktunnel** equipped with high performance glass tube radiators for curing of silicone tubes and profiles. Infrared heater temperatures up to 2000°C are responsible as well for high efficient vulcanization as penetration of radiation into the silicone material. A complete curing of silicone could be achieved with short tunnel length already. The unit could be used for shock pre-vulcanization of traditional rubber hoses and profiles too.

Other innovations of rubicon will be shown at a video screen:

- new generation of **salt bath vulcanization lines** for manufacturing of rubber profiles for automotive and construction industry
- **complete hose manufacturing lines** for radiator and turbo charger hoses, aircon, fuel and industrial hoses
- **lines for roll covering**, aprons and cots manufacturing
- rubicon rubber extruders, gear pumps and mixing mills