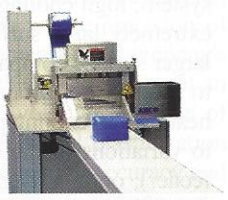
Rubber/silicone production

Machinery for the production of rubber and silicone parts is provided by the company. The MTF vertical series is said to be an absolute All-Rounder for the production of rubber molded and silicone molded parts. The entire series is equipped with the energy-saving, servo-hydraulic CoolDrive II and the company's high precision FIFO injection unit. The main advantage of the MTF vertical series is said to be its vast choice of equipment components and process-optimizing options that can be configured by the company to customer specifications. Features are said to include an innovative design; an optimized strip intake device for a smooth production process; servo-hydraulic automation solutions; high plane parallelism for optimal tool support; maximum operator accessibility; energy efficient servo-hydraulic drive systems with energy savings of up to 50%; a fully network-compatible, web-based control concept; and the most compact footprint in its class, according to the company. (*Maplan*)

www.maplan.at

Cut-to-length solution

A cut-to-length solution was designed for a complex application which required unwinding and feeding release liners to be affixed to the top and bottom of an extruded material and then cutting the material to a determined length. The complete system includes dual unwinds, knife assembly and shingling conveyor. Dual cantilever design brake unwinds feed out the release liners from two rolls, and they are then joined to the top and bottom of the extruded material. The material travels through a set of nip rollers which compress and adhere the liners to the extrusion. A dancer controls the speed of the nip rollers and keeps the material from wandering. An internal guide directs the material from the drive rollers into the knife assembly where it is cut to a defined length. (*Azco*)



www.azcocorp.com

Universal curing oven

The No. 980 is a 500°F (260°C) electrically-heated universal style oven, currently used for post-curing fabric-coated silicone rubber gaskets at a customer's facility. Workspace dimensions of this oven measure 30" wide by 144" deep by 30" high. Nichrome wire elements with 24 kW installed heat the oven chamber, while a 4,200 cfm, 3 hp recirculating blower provides front-to-rear universal airflow to the workload. This universal oven features 4" thick insulated walls, an aluminized steel exterior, a type 304, 2B finish stainless steel interior, plus an integral oven leg stand and one pair of truck wheel guide tracks installed on the top of the floor to accept the customer's wheeled fixture. The No. 980 includes all safety equipment required for flammable solvent processing, including explosion venting door hardware. (*Grieve*)

www.grievecorp.com