

Benchtop tubing cutter

A compact benchtop tubing cutter is said to be ideal for flexible tubing, including hoses, latex, medical tubing, nylon tubing, polyethylene, polyurethane, polypropylene, PVC, rubber hose, silicone, Tygon and vinyl tubing. The tubing is indexed by a dual driver tractor belt system for high accuracy. For easy operator use, the stepper drive is controlled by a color touchscreen. All stainless steel covers with a lexan guard include a safety interlock. Blades are disposable and easy to change without the

need for tools. The unit plugs into a 110 volt AC and requires 40 psi compressed air. The firm offers a wide range of feeding and cutting system components that are easily adapted to meet most complex application needs. (*Azco*)

www.azcocorp.com



For additional equipment information click here

<http://www.rubberworld.com/equipment>



Reduced hysteresis at equal wear?

Call answered.

Introducing Energy Saver Blacks™ & Grade ES200

Lower hysteresis without sacrificing other performance properties

Sid Richardson Carbon & Energy Co. is pleased to announce a significant development in the production of a modified carbon black. This new product delivers reduced hysteresis at equivalent or better wear in rubber compounds. This new class of filler is known as

Energy Saver Blacks™ (patent and trademark pending). The first commercial offering, ES200, is a tread grade that can be used in both radial passenger car/LT and radial truck tires containing either natural rubber or synthetic elastomers.



SidRichardson
Carbon & Energy Co.

American Made, American Owned

Answering the call.

800-767-2227

sidrich.com

Twin screw extruders

ZSE-HP and Maxx model twin screw extruders are available for use in various industries. The company's brochure presents an overview of the use of twin screw extruders for masterbatch, direct extrusion and foaming for laboratory scale and production usage. Also provided in the literature is information on control architectures and specialty auxiliary equipment. Various services relating to the company's process laboratory, engineering, technical library and training are also described. (*Leistritz*)

www.leistritz-extrusion.com

Multi-shaft mixers

Customizable multi-shaft mixers are offered for processing solid-liquid dispersions, solutions and emulsions over a wide range of viscosities. These devices can be designed to impart high levels of shear for powder wet-out and particle size reduction using a high speed saw-tooth disperser blade and/or a rotor/stator assembly. For viscous, low shear/high flow applications, a combination of bow-tie blades and an anchor agitator is said to deliver rapid turnover as well as superior heat transfer.

The Model VMC-1 VersaMix multi-shaft mixer has a working capacity of approximately 0.50-0.75 gallon (full holding capacity of one gallon) and is capable of vacuum operation up to 29.5" Hg. The firm's multi-shaft mixers are available in standard or sanitary configurations from 1 to 4,000 gallons capacity. (*Charles Ross & Son*)

www.mixers.com



Belt conveyor oven

The No. 794 is a three-zone, electrically-heated belt conveyor oven, currently in use curing a cast silicone rubber layer onto steel rollers. This unit has a maximum operating temperature of 500°F and a workspace of 30" wide by 96" deep by 24" high. The conveyor consists of an 18" long open belt loading zone, 36" long insulated unheated entrance vestibule, three 32" long insulated heat zones with independent recirculated airflow and temperature control, 12" long insulated unheated exit vestibule and 60" long open unloading zone. A 90 kW total heat input is installed in Nichrome wire heating elements, with 30 kW per heating zone. Three 1,000 cfm, 1 hp recirculating blowers provide vertical downward airflow to the workload. The No. 794 features an aluminized steel interior and exterior, as well as 4" thick insulated walls, a three-pen, 10" diameter circular chart recorder and a 24" wide, 1" by 1" flatwire conveyor belt with 1/2 hp motor drive and variable speed from 1.5 to 4.3 inches per minute. A customer-specified, multi-color paint finish was also supplied on this conveyor oven. (*Grieve*)

www.grievacorp.com