

Daubert Cromwell's CP5000 Packaging Film Prevents Corrosion, Discoloration on Aluminum, Steel and Copper Parts

Daubert Cromwell, Alsip, IL, has introduced CP5000, a corrosion-inhibitor VCI film that passes TL8135-0034 for aluminum films, and NACE TM0208 ("Laboratory Test to Evaluate the Vapor-Inhibiting Ability of Volatile Corrosion Inhibitor Materials for Temporary Protection of Ferrous Metal Surfaces"); meets TRGS 615 and TRGS 900; and is RoHS-compliant. The film's corrosion inhibitors are REACH-registered, allowing metalworking companies to import their finished goods into the EU.

Field-performance test results, say company officials, show that CP5000 film effectively prevents rust and discoloration on properly packaged steel, copper and aluminum alloys. The flexible, strong, transparent poly, tinted blue, finds use as a bin liner for automotive and other fabricated metal parts.

In addition to its technical efficacy, CP5000 meets criteria as an environmentally friendly film that is safe for use in the workplace. The bio-based, nitrite-free product is non-toxic, easy to handle and fully recyclable.

Daubert Cromwell:
www.daubertcromwell.com

Coe Debuts Combination Straightener-Reel for Light-Duty Applications

Coe Press Equipment, Sterling Heights, MI, has developed a new coil straightener and reel combination unit as an economical

solution for stampers and roll formers processing light-gauge materials. Use the combination machine for producing brackets, hinges, moldings and similar metal-formed parts. Combining unwinding and straightening in a single machine, metal formers can pair the systems with a Coe ServoMaster 1 or 2 servo roll feed to deliver a complete press-feed line.

Coe recommends the machine for cold-rolled steel, aluminum and stainless-steel sheet from 0.032 to 0.125 in. thick and 3 to 12 in. wide, in coil weights to 4000 lb. Maximum line speed: 50 ft./min. The straightener features nine 1.97-in. power-driven rolls with 3.30-in.-dia. entrance pinch rolls and a photo-loop sensor.

The reel, with four-pad mandrel construction and four coil keepers, handles coils to 48-in. OD and 19- to 20.5-in. ID using a hand-crank expansion. It features an air-operated holddown arm and a mechanical drag brake.

Coe Press Equipment: www.cpec.com

Rocklin Mfg. Debuts Portable Fiber-Laser Marker

Rocklin Manufacturing, Sioux City, IA, has introduced the MobiLase all-in-one, portable fiber-laser marking unit housed in a 45-lb. rolling suitcase. While laser-marking units typically are large, heavy, stationary machines, users can take the lightweight MobiLase directly to the part, rather than transporting parts to a laser-marking station. This eliminates costly downtime and investments in elaborate contraptions to mark large parts.

MobiLase units feature a 30-W fiber laser and a 100 by 100-mm marking window, and can mark most any material including plastics, steel and other metal alloys, as well as precious metals. The 7-lb. handheld applicator is equipped with a trigger and two bracket options for marking a variety of part shapes. These brackets also enable rapid focusing from a consistent, repeatable distance, further optimized by the laser-pointer simulator.

User-friendly software on the touchscreen PC, embedded in the suitcase, enables a wide range of programmable and potentially intricate markings, including numbers, letters and characters; time and date; barcodes, 2D codes and QR codes; and images, logos and symbols.

Rocklin Manufacturing: www.rocklinmanufacturing.com



Exact Metrology Introduces High-Speed 2D/3D Measurement System

Exact Metrology has introduced the Planar 2D inspection machine, from UK-based InspecVison, which manufacturers can upgrade by adding the Surfscan high-resolution projector (for 2.5D inspection) or the Opti-Scan white-light scanning system (3D inspection). The machines prove ideal for shopfloor use, require minimal operator input