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## EST. 1947 MODICAL DIENES WINTRISS\* CORPORATION 👩 T PROTON



### **Air Shafts & Chucks**

**Goldenrod Corp.** 800-465-3763 **☑** Centering Shafts & Differential Shafts



**☑** Lightweight Aluminum & Carbon Fiber Shafts **☑** Expanding Chucks, Core Plugs, & Safety Chucks



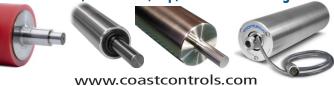
www.goldenrodcorp.com

### **Web Guides-Rollers-Stands**

**Coast Controls** 800-513-2345 **☑** Displacement & Steering Guides, Roll Stands



**☑** Dead Shaft, Live Shaft, Nip, & Tension Sensing Rollers



# Web Length & Speed

Proton Laser Gauge 757-912-6386

www.protonproducts.com

## Web Surface Inspection

Wintriss Engineering 757-912-6386

www.weco.com

### **Web Tension Control**

**Montalvo Corp.** 207-856-2501 **☑** Tension Brakes & Clutches, Friction Pads







✓ Safety Chucks, Tension Meters, Sensors



### **Web Thickness Gauging**

AIS Gauging 812-466-5478 www.aisgauging.com

### **Slitting Equipment**

Dienes

800-345-4038

✓ Knife Holders, Circular Knives & Sharpening ✓ Slitting Machines: Shear, Score, and Razor Cut







### **NEW PRODUCT NEWS**

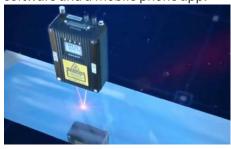
#### WEB SURFACE FLAW DETECTION

Based in San Diego, Wintriss Engineering is the global leader and pioneer in web surface inspection. Because their video processing electronics are within their line-scan cameras, Wintriss can acquire and process video data in real time before an image leaves the camera. No camera fans are needed, since their electronics run cool. The Wintriss Web Ranger® precise surface flaw detection and classification systems include smart cameras, surface lighting, and defect detection software. Wintriss has the shortest lead time and best customer service among their peers. For a quotation, send us your sample material for comprehensive lab testing.



#### NON-CONTACT LASER GAUGE

Proton's laser doppler web length and speed gauge is used in roll-to-roll and cut-to-length processes. 15 times more accurate than an encoder wheel, Proton's 0.02% accuracy provides a quick ROI. Proton sends pulse signals in all communication formats to a PC and includes free software and a mobile phone app.



#### WEB SPREADER ROLLERS

Dienes now offers low-cost spreader rollers to **eliminate creases** all the way to the edges of your web. With wrap angles from 10° to 180°, the angle of the bristle bundles effectively smooths the film from the middle outwards.



#### **RESTORE YOUR FIBER CORES**

The CR-3 **Core Saver** by Goldenrod is pneumatically operated. Its tapered jaws are simply inserted into the crushed core and the scissor force of the jaws returns the core to its original shape.





### **ROLL CARTS & SHAFT PULLERS**

Goldenrod makes **roll carts** to lift, move, and rotate rolls. They also make air shaft inserting/removing equipment, aka **shaft pullers**; including fixed and mobile with manual, electric push-pull, and hydraulically controlled lifting.



#### **IN-LINE THICKNESS SENSORS**

AIS produces in-line gauging sensors with a range of technologies, both nuclear and non-nuclear. With twenty-seven sensor options, AIS chooses the best sensor(s) for your application, including: Beta, Microwave, Gamma, Shadow, Terahertz, IR Transmission, X-Ray, IR Reflectance. Gemini X-Array. Interferometer, and Laser. AIS manufactures without proprietary parts. If you own other brand sensors, AIS can upgrade your sensor(s) and software at a significantly lower cost. The AIS software is built on an open platform and provides closed loop data for your process control. Manufactured in Indiana, AIS stocks all replacement parts for quick turnaround. The best news is that AIS systems never become obsolete.



#### **ROLL STANDS AND SLITTERS**

Coast Controls and Montalvo both fabricate affordable **custom roll stands**, whether a manual payout, fully automated with tension controls, or a slitting system. Let us quote your project.



Winter-Spring 2025