



Web Tech is a value-added team of manufacturing professionals that connects manufacturers to new products, technologies and comprehensive solutions.

WWW.WEBTECHTEAM.COM

OUR PRODUCT LINES

EcoStretch Roll

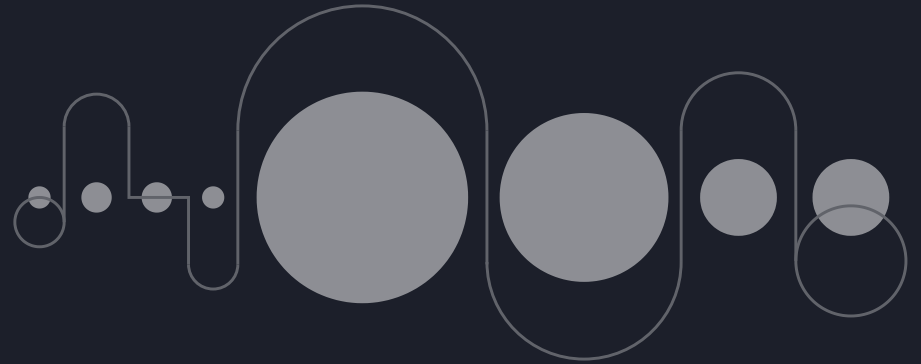
Montalvo

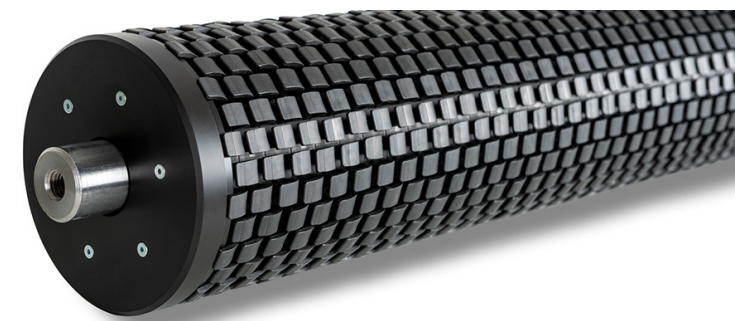
M.R. Snyder

Proton Products

Roll-2-Roll Technologies

Static Clean





EcoStretchRoll Wrinkle Removing Roller



PRINCIPLE OF OPERATION

425 – 850 independently operating individual spreader elements per foot of roll length.



WEB SPEED

The EcoStretchRoll can be used up to 3,200 ft/min. It also has a vibration damping effect and runs quietly.



CONTACT SURFACE

Slightly curved, large contact surfaces ensure marking-free guidance without relative movement.



VARIANTS

The EcoStretchRoll is available in four diameters (60, 110, 130, 150 mm) and can be produced to customer specifications up to a maximum of 7 meters.



WRAP ANGLE

Full functionality from 8 – 180° wrap angle.



WEB TENSION

Between .1 PLI and 4 PLI depending on application specifics.



ROLL BODY

Lightweight aluminum core with special geometry to mitigate deflection. Lightweight design limits inertia during low start up weights.



WEB THICKNESS

Spreads any material thickness > 4 μm and > 8 gr/m².



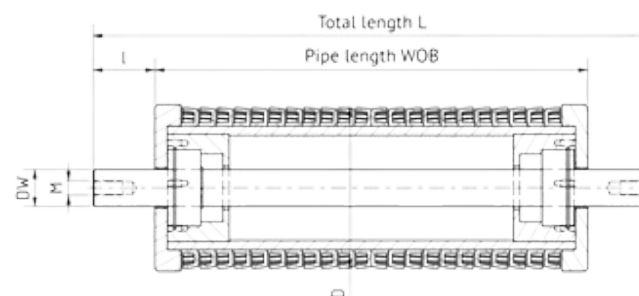
ASSEMBLY

Each EcoStretchRoll is produced according to customer specifications and delivered ready for installation. It is ready for immediate use without external drive or adjustment.

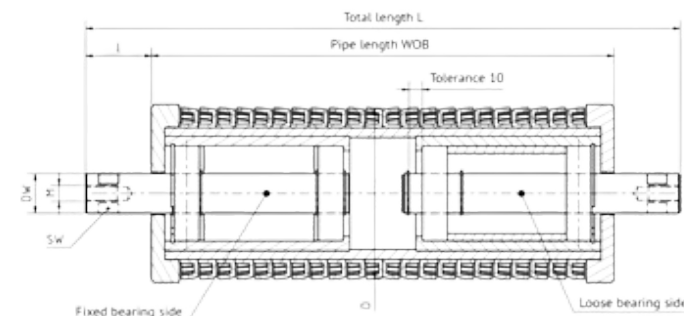


MATERIAL PROPERTIES

Wear-resistant, temperature- and ozone resistant, FDA CFR 21 conforming TPE material.



EcoStretchRoll *with*
CONTINUOUS AXIS / SHAFT



EcoStretchRoll *with*
FIXED AND FLOATING
BEARING BOLTS

	ESR 60	ESR 110	ESR 130	ESR 150
D (MM)	60	110	130	150
DW (MM)	15	30	30	35
L, WOB, l, M	Freely Selectable			



- NO EXTERNAL DRIVE REQUIRED; THE SPREADER ROLLER IS DRIVEN BY THE WEB
- EVENLY SPREADS MATERIALS WITH LAYER THICKNESS > 4MM
- GENTLE, NON-MARKING AND EFFECTIVE SPREADING
- CAN BE USED FOR SLITTING APPLICATIONS
- LOW WEAR
- OZONE RESISTANT
- VIBRATION REDUCING
- NO CENTER DEAD ZONE
- FDA CFR 21 COMPLIANCE LETTER AVAILABLE UPON REQUEST



Web Tension Control Specialists

Manufacturing High Quality Web Tension Control Products, Since 1947

High quality, performance driven products combined with industry leading web tension control knowledge and expertise to make your machines run at maximum efficiency, reducing waste and increasing your productivity and profitability.

Whether it's individual products, complete tension control systems or answering your questions, we are here for you. Achieve more today with Montalvo. *Quality. Expertise. Trust.*

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LionGrip

Web Tech is now proud to introduce the Liongrip lifting device. Originally created to safely and efficiently handle core shafts in 2007, today its applications go far beyond just core shafts.

A few of its key advantages:

- Engineered for heavy lifting in confined, high-traffic areas
- Minimizes strain
- Reduces workplace injuries
- Accelerates workflows
- Ability to move loads up to 550 lbs with ease, within a 13 ft radius and 6.5 ft height range
- Superior engineering, versatility and durability

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Torque Sensing Control System

For the first time ever in an open loop control system, you get a precise, reliable tension reference that operators can use to ensure consistent, high quality production runs.

The TSC™ is a total tension control solution that delivers performance, convenience, and productivity. Simple, compact and easy to install and operate, the TSC is the latest innovation in open loop tension control. Patented technology allows easy integration into existing machines as well as new machine builds.

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You've Got Static *We've Got Solutions*

For industrial markets including injection molding, converting and printing, StaticClean manufactures a complete line

Static Eliminators
Static Pinning
Web Cleaning

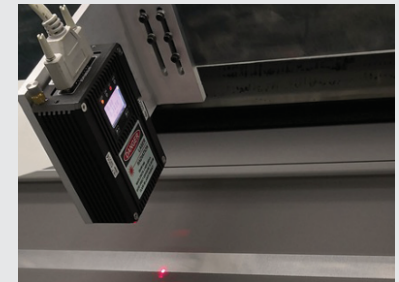


Speed & Length Measurement

InteliSENS® SLRmini-i4

The InteliSENS® SLRmini-i4 non-contact speed and length measurement gauge, with zero speed and automatic direction detection, is ideal for flat surface products in “roll to roll” or “cut to length” processes. Paper, Film, Foil, Wovens, Non-Wovens, Textiles, Roofing, Sidings, Gypsum Board are just a few examples.

Applications where speed measurement is critical for drive control or where length measurement is critical for product quality will benefit from the increased accuracy of Laser Doppler Speed and Length Measurement.





Drives & Control Systems

M.R. Snyder Company is a system integrator that has been designing, building, and implementing process control systems for more than 75 years.



Siemens, AB, &
Yaskawa Partners

Experts in automation & drive
systems



P.E. Certified
Engineers

Extensive process hardware &
programming



Product
Distributor

Distributors of the quality
products used in their systems



Web
Handling

Specialization in tension control &
winding applications



UL Listed
Panel Shop

Control panels built to NEC,
UL508a & UL698A requirements



Support &
Assistance

7 days/week, 0700-2200
On site and remote for systems
we implement

Industries Served

Metals

- Rolling Mills
- Tension Levelers
- Slitters
- Melter
- Casters
- Loop Layering

Paper

- Machine Drive & Control Systems
- Slitters
- Winders
- Pumps
- Fans

Film

- Extrusion
- Converting
- Casting
- Coating
- Drawing
- Winding
- Slitting

Warehouse

- Conveyor Controls Systems
- Bar Code Reading Systems
- Tracking Systems
- Motor controls

Fiber & Tape

- CP
- Extrusion
- Drawing
- Spinning
- Winders
- Twisters
- Beamers

Non-Woven

- Line Drive & Process Controls
- Winders
- Extruders
- Slitters

Tire

- Drive & Control Systems
- Extruders
- Calendars
- Conveyors
- Winders

Textile

- Dye & Finishing Ranges
- Wash Ranges
- Winders
- Beamers
- Slashers

Retrofits & Upgrades

M.R. Snyder Company is highly experienced in retrofitting coordinated drive and process control systems, keeping your system running optimally. Their talented team of engineers will design, build, deliver, install, and maintain coordinated drive and process control systems, and web-handling, for existing enclosures.





Modern Technology, American-Made Support

Your Web Guide Challenges:

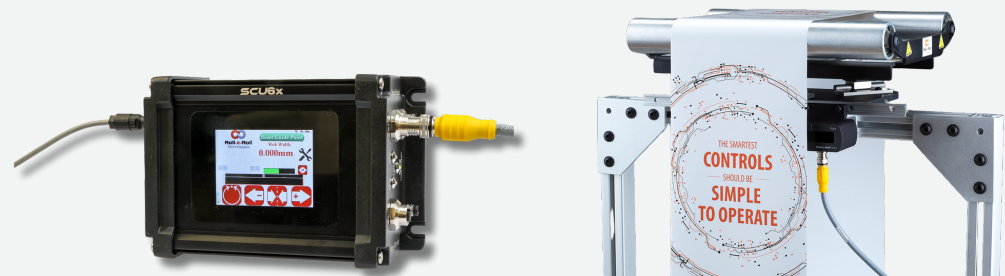
- Waiting weeks for expensive replacement parts
- Dealing with overseas support and different time zones
- Training new operators on complicated systems
- Fighting with constant calibration and adjustment
- Struggling with sensors that can't handle modern materials

Made in USA, Supported Locally

- Components manufactured in Oklahoma
- Same-day shipping on standard parts
- Local technical support in your time zone
- Real engineers answering your calls, not robots
- Emergency support available 24/7

Future-Proof Your Operation with SCU6x Technology

- Advanced touchscreen controller with integrated motor driver
- 3x faster processing than previous generation
- Multiple application support: edge, center, contrast guiding
- Built-in network connectivity (EtherNet/IP, PROFINET)
- Energy-efficient with up to 75% power savings
- Automatic thermal and current protection



The amazing new IDC Roll-2-Roll® Sensor

- Material Agnostic Performance: Functions flawlessly with clear, opaque, porous, nonwoven, metals, foils, and other materials
- Compact Construction: Easy installation in tight spaces with one-sided sensor design for simplified threading and reduced dust accumulation
- Integrated Light Source: Eliminates the need for external lighting equipment and fixtures
- High Precision: Hardware resolution as fine as 0.0635mm (0.0025in) with greater than 99.9% sensor accuracy
- Wide Sensing Range: Available in sizes from 96mm to 960mm
- Industrial-Grade Protection: IP67 rated (IP68 available on request) to withstand harsh industrial environments
- Universal Connectivity: Seamless integration via EtherNet/IP, PROFINET, EtherCAT, Modbus/TCP, and CC-Link IE Field Basic

Application Versatility

- Edge and center guiding
- Web width measurement
- Contrast and line measurement
- Multiple web guidance
- Strip and slitting guidance
- Registration mark detection
- Thread counting and inspection
- Tear detection
- Splice/Flag detection



Complete Upgrade Package

- SCU6x Controller with intuitive touchscreen interface
- ODC sensor customized for your application
- High-precision actuator matched to your requirements
- Custom mounting kit for your existing framework
- Comprehensive documentation and support
- FREE lifetime technical assistance

Upgrade Without Production Disruption

Quick Installation, Proven Results

- 4-hour typical installation time
- Keep your existing mechanical framework
- True plug-and-play operation
- Automatic sensor recognition and setup
- Start production immediately after installation

24/7 American Support 📞 Emergency: 888-290-3215

- Talk to a real engineer within 5 minutes
- Remote diagnostics and troubleshooting

Online Resources: r2r.tech/documentation 📄

Technical Support: support@r2r.tech

- Detailed installation guides
- Installation videos
- Video tutorials and training
- Custom mounting specifications



*We focus on you, so you can
focus on your production.*

Whether you know exactly what you need or simply recognize there's a problem, we offer a complete solution. With our extensive network of experts across various industries, you can rest assured—one call to Web Tech handles it all.

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SOLUTIONS PARTNER

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