

Narrow Web & Label Tension Control

EST. 1947

montalvo

Better Web Control®

TENSION CONTROL SPECIALISTS

Achieve More

Narrow web, laminating, and label manufacturing is constantly evolving. Whether it is changes in material weight, colors, two sided processing, RFID chips and more, narrow web manufacturers are constantly challenged with having to meet these changing demands with their existing equipment.

High quality tension control plays a vital role in expanding the capabilities of narrow web and label machines while at the same time adding increased productivity, reduced waste, and increased end product quality. We have worked on a wide variety of narrow web and label applications, easily integrating high performance and high quality tension control components into new and existing machines.



Process from Full Roll to Core
Run Various Materials on One Machine
Run Lighter Substrates
Improve End Product Quality
Increase Productivity & Consistency
Achieve Faster Production Speeds
Reduce Waste
Lower Operating Costs
Decrease Downtime
Easier Operator Set Up

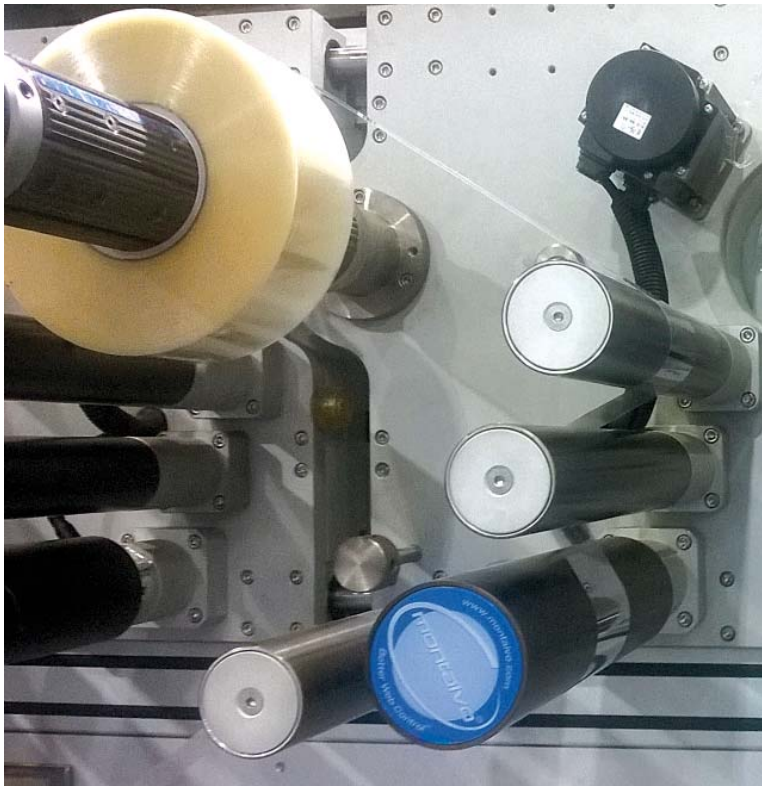
Do It All on One Machine

Multiple Materials and Lighter Substrates

Run various types of materials and lighter substrates on one machine from full roll to core.

Narrow web manufacturers are often required to run different types of material on one machine. These new materials, oftentimes, push the limits and capabilities of the existing machine design, resulting in a variety of problems and inefficiencies affecting productivity and profitability.

However, Montalvo's high performance tension control components are designed to allow you to do more and do it all on the same machine.



Prevent & Solve Tension Related Problems

- ✓ Registration Variation
- ✓ Waste
- ✓ Stretching/Necking
- ✓ Web Breaks
- ✓ Slow Set Up Times
- ✓ Wrinkles
- ✓ Inability to Run to the Core
- ✓ Web Wandering

Drop In Solutions

Montalvo's narrow web and label tension controls are designed to be drop in solutions for your machine. No need to invest in completely new machinery. Our equipment can fit within existing applications to UPGRADE or ADD tension control to your machine delivering a quick return on investment.

Industry Leading Components

Built with Quality. Built to Perform.

Montalvo manufactures the high quality, high performance tension control components you rely on to achieve more! Narrow web and label manufacturing machines require high quality tension control components to ensure webs do not neck down, break, and maintain registration from full roll to core, all while being easy to install, set-up and operate.

Closed Loop Tension Control Solutions

Create a continuous, automated, easy to operate system with direct tension measurement from your web of material to maintain precise tension from full roll to core every single time.

Load Cells

For direct web tension measurement



Tension Brakes & Clutches

For torque output & control



Tension Controllers

For controlling the process



Features

- ✓ Superior Signal Sensitivity
- ✓ Repeatable, Reliable Measurement
- ✓ Direct Web Tension Feedback
- ✓ Smooth, Linear Torque from Full Roll to Core
- ✓ Full Range of Functions & Features to Maximize Productivity
- ✓ Multiple Styles, Models, and Packages to Meet Your Specific Requirements
- ✓ Easy to Install, Set-Up and Operate



Torque Sensing Control System (Open Loop)

Automated, precise, high quality tension control without load cells or a dancer. 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. Performance, convenience, and productivity delivered.

Features

- ✓ Customizable System Packages
- ✓ Easy Installation, Set Up & Operation
- ✓ Easily Upgrade Existing Machines
- ✓ Reduces Machine Build Cost
- ✓ Patent Pending Technology



Dancer Tension Control Solutions

We understand the unique control requirements of applications utilizing dancers and have created exclusive and innovative technology specific for dancer applications. Our Dancer Tension Control Solutions give you the precise, accurate, and repeatable tension control required for more productive and profitable runs.

Features

- ✓ Precise, Consistent Dancer Control
- ✓ Easy Installation, Set Up & Operation
- ✓ Range Expander & VWrap Compatible
- ✓ Exclusive Dancer Controller with Tension Indication
- ✓ Full Range of Functions & Features to Maximize Productivity
- ✓ Utilize a Range of Feedback Sources (sensors)



Increase, Expand, Add

Tailored Upgrade Packages

In order to compete with today's new machines, older machines need increased performance, expanded capability, and added functionality. Typically, all the benefits of a new machine can be achieved through a strategic upgrade of the tension control components of your existing machine. For a fraction of the cost of a new machine, Montalvo makes your current machine run like new, giving you the productivity and profitability increases you require.

Upgrade Packages Available For

Mark Andy

Comco

Didde

Nilpeter

and more ...



The Experience You Depend On

Montalvo has designed specific total tension control upgrade packages unique to the requirements of Narrow Web manufacturing. With years of experience upgrading various Narrow Web and Label machines, Montalvo has both the technical expertise and the knowledge to deliver long term, cost effective, reliable results with a quick return on investment.

Complimentary Upgrade Assessment

Montalvo Applications Specialists are available to assess your application and will let you know what would be involved in completing an upgrade and what type of performance upgrades you can expect to achieve. Contact us today to learn more.

Here For You



B

BACK to BETTER WEB CONTROL

Things happen. And when they do, our first priority is to get you back up and running as quickly as possible. We want your machine running.

L

LOCAL ACCESS

In Person, Phone, E-mail, or Online. With four worldwide offices (USA, Germany, Denmark, China) and an authorized licensee & representative network throughout five continents, we give you the local dependability you rely on.

U

UNCOMPROMISING SERVICE & SUPPORT

Whether you have a single question, need a tension control consultation, require technical support or service, we are committed to you for the entire life of your Montalvo products and beyond. We are here for you.

E

EXPERTISE

Since 1947 Montalvo has differentiated itself by offering more than just high quality & high performance tension control products. We are your resource for the tension control expertise required to expand the capabilities of your machinery & production line.

**THE STANDARD FOR
RELIABILITY - DEPENDABILITY - PERFORMANCE**

YOU CAN HAVE IT ALL!

Reliable, Repeatable, Consistent, High Quality Results

These are the pillars of Montalvo's automated tension control systems. Whether it be new narrow web/label equipment or upgrading the tension control components of your existing machine, our components give you the productivity increases you require.

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