

FLEXIBLE PACKAGING

Tension Control



EST. 1947

montalvo

Better Web Control®

TENSION CONTROL SPECIALISTS

Achieve More

Flexible packaging manufacturing involves a variety of processes. Whether its converting, slitting, printing, laminating, etc, each process shares a common trait – high quality tension control is the difference between profit and scrap. The demand for flexible packaging is rapidly increasing and as a result manufacturers are demanding more and more from their machines.

Adding or upgrading the web tension control components of your machine is often the exact solution required to meet and exceed that ever changing demand while increasing end product quality, and expanding your machine's capabilities

We have worked on nearly every type of flexible packaging manufacturing machine in the industry, providing the high quality tension control products, expertise and support manufacturers rely on to Achieve More!

Achieve More!

Increase Productivity & Consistency

Expand Machine Capabilities

Run Various Materials on One Machine

Achieve Faster Production Speeds

Eliminate Sheet Length Variation

Improve End Product Quality

Improve Registration

Reduce Waste

Decrease Downtime

Easier Operator Set Up

Reduced Set Up Time



Tailored Tension Control Solutions for...

PCMC / Atlas / Titan / DriTec / W+H
and many more ...

Set It and Forget It

Automated Tension Control

Montalvo's "Set it and Forget it" web tension control systems decrease set up time through saved process parameters, while making operation easier than ever. Operators simply need to pull up the process, put the controller in "Auto" and then start the production run.

With a wide variety of functions and features that can be saved within your process parameters a Montalvo tension control system maximizes your end product quality, increases productivity, and reduces operator interaction, while solving any tension control related problems.



Prevent & Solve Tension Related Problems

- ✓ Stretching/Necking
- ✓ Poorly Wound Rolls
- ✓ Waste
- ✓ Web Breaks
- ✓ Poor Registration
- ✓ Inability to Run to the Core
- ✓ Sheet Length Variation
- ✓ Starred or Telescoped Rolls

Drop In Solutions

Montalvo's flexible packaging 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.

Built with Quality. Built to Perform

Flexible packaging manufacturing machines require high quality tension control components to ensure increased machine capabilities, wider operating ranges, and better process control, all while being easy to install, set-up and operate. Montalvo manufactures the high quality, high performance tension control components you depend on.

Load Cells

Provides direct web tension measurement



Tension Brakes & Clutches

Provides torque output & control



Tension Controllers

Provides process control



Web Guides

Provides web alignment



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

Range Expansion

Separate the overall torque range of your brake into individual ranges for smoother, more precise tension control when running multiple materials on the same machine with differing tension requirements. Gain greater control at lower torque ranges, run high mass rolls at lighter tensions (i.e. films and foils), and run low torque and tension applications that require high torque to stop (i.e. sheeters).



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 Sensors
- ✓ Ideal Solution for Poor Roll Stock Quality



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/Fewer Idler Rolls
- ✓ Smooth, Precise, Repeatable Tension Control from Full Roll to Core
- ✓ Patent Pending Technology
- ✓ Full Range of Functions & Features to Maximize Productivity
- ✓ Ideal for One Side Sensitive Materials
- ✓ Unwind Directly into the Process



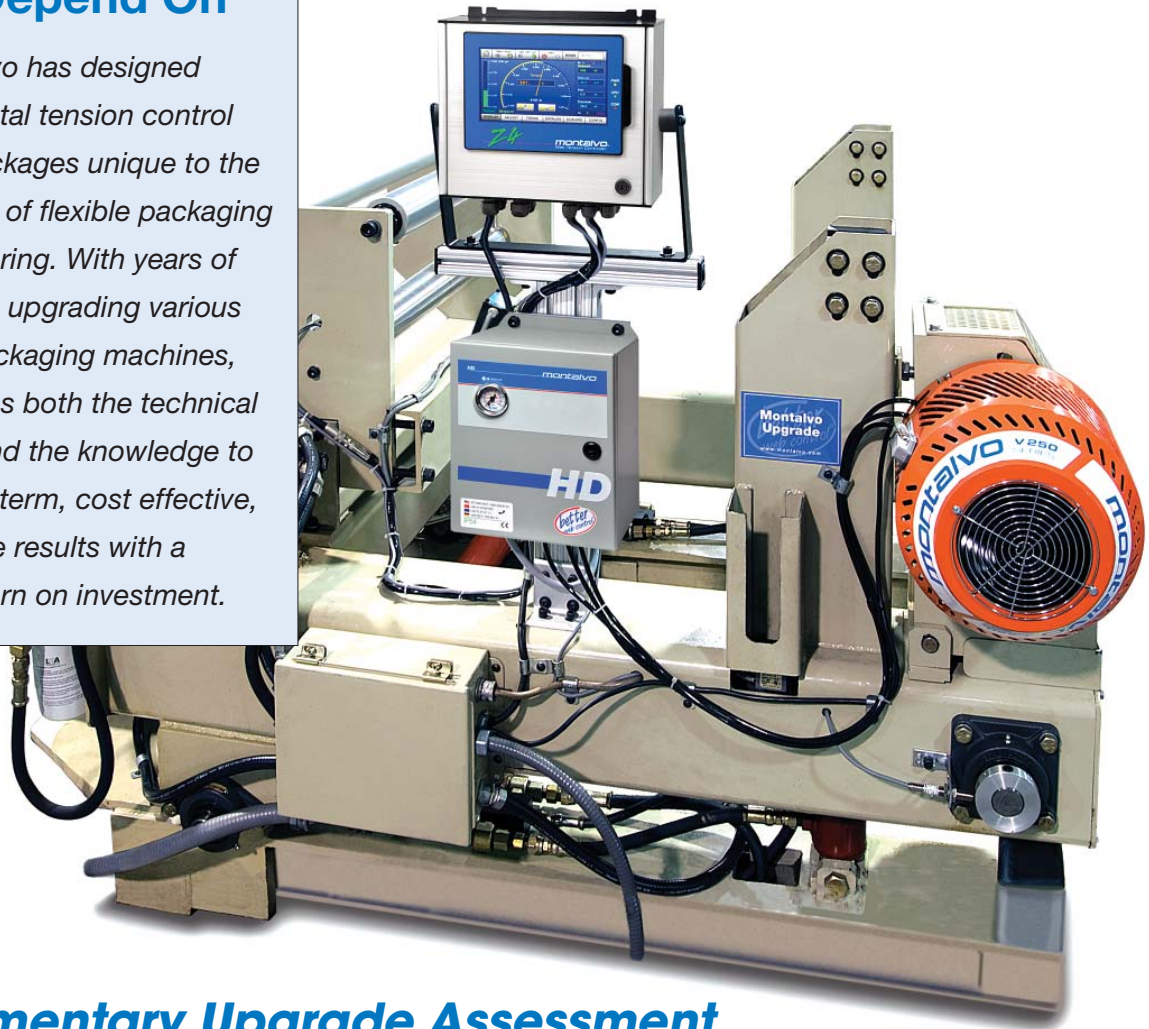
Increase, Expand, Add

Effectively Compete with New Machines

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.

The Experience You Depend On

Montalvo has designed specific total tension control upgrade packages unique to the requirements of flexible packaging manufacturing. With years of experience upgrading various flexible packaging 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**

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ACHIEVE MORE!

Contact a Flexible Packaging Tension Control Specialist today!

In order to compete with today's new machines,
older machines need...

Increased Performance, Expanded Capabilities & Added Functionality

Typically, many the benefits of a new machine can be achieved through a strategic upgrade of the tension control components of your older machine. For a fraction of the cost of a new machine, Montalvo makes your older machine, run like new, and gives you the productivity increases you require.

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