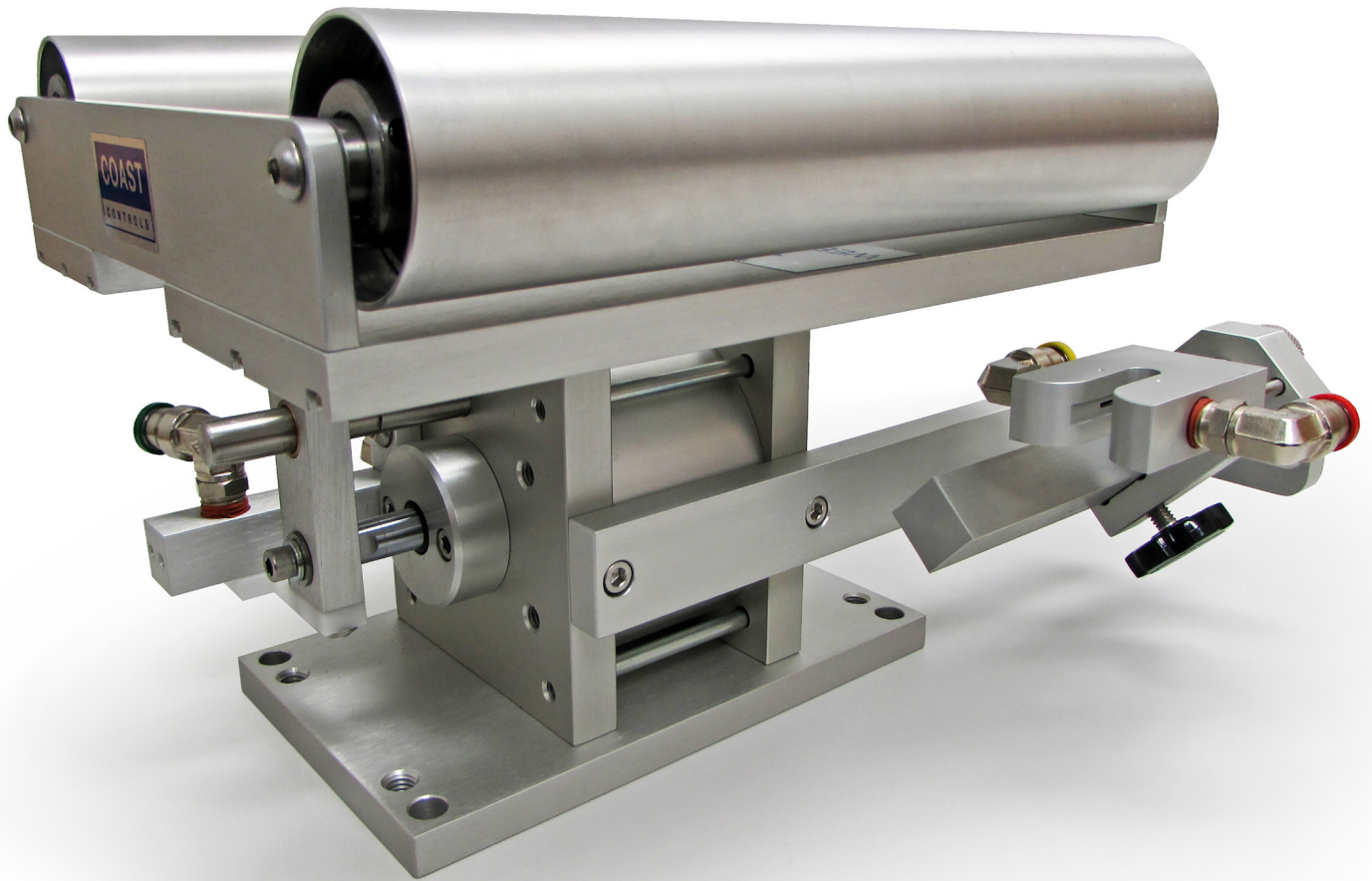


COAST

C O A S T
C O N T R O L S



ALL-AIR Web Guiding Systems

A Simpler Way to Guide

COAST CONTROLS

Coast Controls is the exclusive manufacturer of a simplified and unique All-Air Automatic Web Guiding System used in various roll to roll, web converting industries.

Our guiding systems are used in many different industries such as: Extruded Plastic Film, Paper & Plastic Bags, Envelope Manufacturing, Tire and Rubber Manufacturing, Flexographic Printing, Flexible Packaging, Non-Wovens, Label & Narrow Web Manufacturing, Coating & Laminating, Die Cutting, Slitting, Metalized Film, Pharmaceutical & Medical Packaging and Food Packaging. Additionally, many original equipment manufacturers incorporate Coast systems on machines they build.

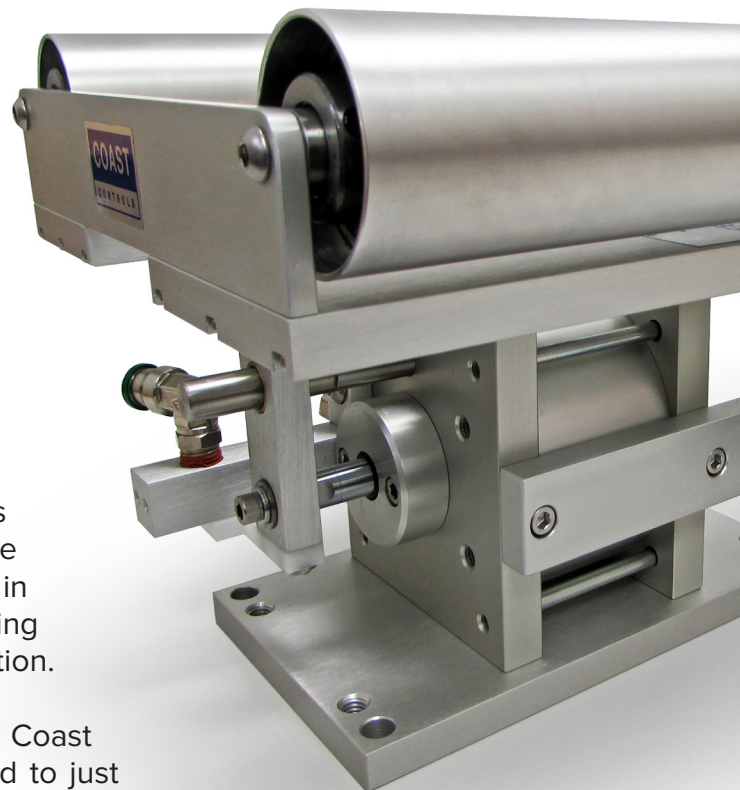
The Coast system is extremely simple and is based on a proportional All-Air Servo Controller which operates entirely on low-pressure plant air. The Servo Controller is used with an Air-Flow sensor, Air Cylinder, and a properly designed and applied intermediate or unwind guide to accurately align the moving web of material.

In addition to simplicity, the All-Air system has many significant advantages including ease of installation and dependability. Also, the system is intrinsically explosion-proof and does not require electricity, motors, electronics or hydraulics. Our systems have an unprecedented 10-Year Guarantee and are virtually maintenance free. All guiding applications are guaranteed to the customer's complete satisfaction.

Coast Controls was established in 1992 by William C. and Douglas G. Fife, both of whom had many years of web guiding experience. Present management includes Thomas E. Marks, President and Kyle E. Koontz, Vice President. The company operates from a modern facility in Sarasota, Florida and utilizes state of the art CNC machining centers and other manufacturing technology in their operation.

To adapt a design that is perfect for your application, Coast utilizes SolidWorks 3D Software which can be converted to just about any format so the customer can simply place the 3D model of the guiding system right into their design saving time and money.

Although we carry standard guiding systems to fit most machines in the converting industry, we will modify our designs to adapt to your machine so the installation of a new Coast guide is just like replacing the original - and Coast will do this at no extra charge to you.



ALL-AIR FLOW DIAGRAM

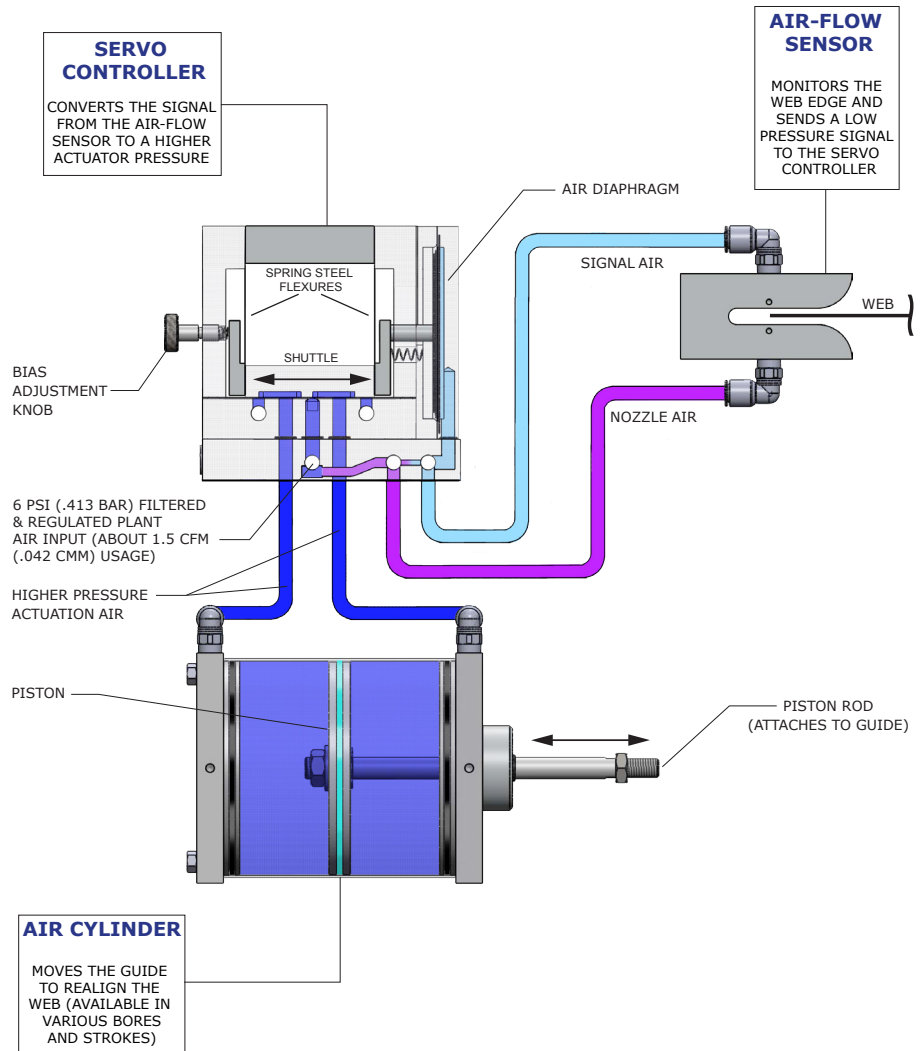
1. Plant air is connected to the friction-free servo controller through a two-stage cartridge/coalescing air filter and precision low-pressure regulator/gauge. A small portion of the air is reduced in pressure before going to both sides of the air-flow sensor. Air continually bleeds from the sensor's opposing nozzle and signal orifices, keeping them free of dust and other foreign matter.

2. As web misalignment occurs, the edge of the web moves in or out of the sensor. This causes the slightly higher nozzle air pressure to increase or decrease the back pressure in the signal air coming from the servo controller.

3. The change in pressure creates an imbalance between the opposing forces of the air diaphragm and the bias spring in the servo controller, causing the shuttle to move.

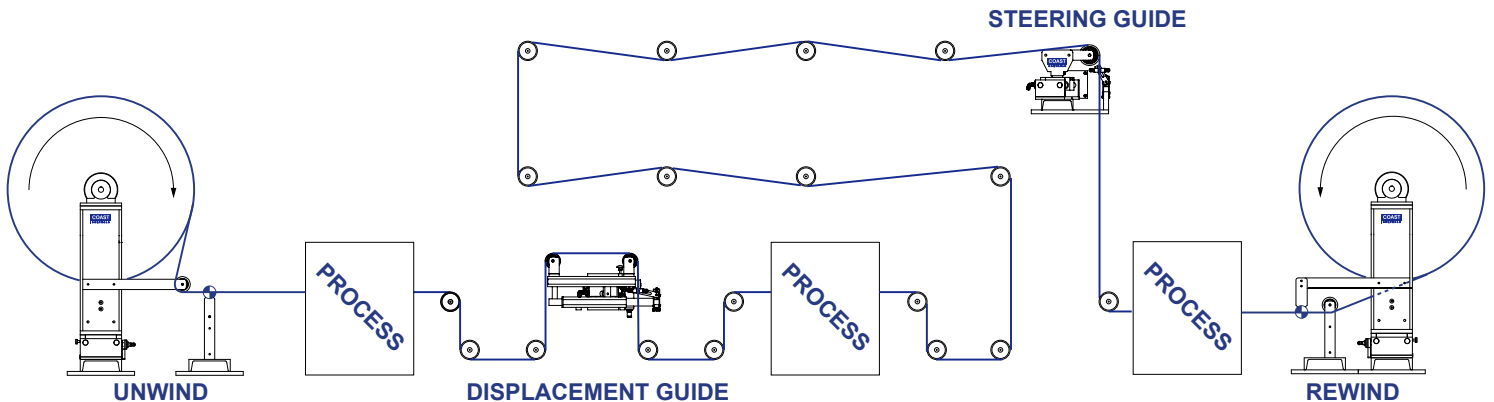
4. Movement of the shuttle directs the somewhat higher pressure actuation air to the proper end of the air cylinder. This causes the cylinder piston rod to move the guide the precise amount required to realign the web at the sensor.

5. With the web edge back in its proper position at the sensor, the guiding system is again balanced, completing the control loop. Sensing and correction continue to take place as misalignment occurs.



SPECIFY COAST CONTROLS

All web guiding systems should be installed as close to the incoming side of the converting process where accuracy is needed. The location of the guide will determine if you will be using a **Shifting Unwind Stand**, **Intermediate Placement Guide**, **Intermediate Steering Guide**, or a **Shifting Rewind Stand**.



UNWIND GUIDING is obtained by automatically positioning an unwinding roll of material mounted on a laterally shifting roll stand. A shifting idler roller is attached to the stand. The sensor is fixed and mounted independent of the stand.

DISPLACEMENT GUIDES correct web misalignment (error) by pivoting a set of guide rollers about a fixed point to geometrically displace (align) the web. A displacement guide provides correction with minimal entry and exit span requirements. Displacement guides are ideal for applications with space limitations.

STEERING GUIDES correct by moving the web laterally while simultaneously pivoting the web in the same direction. This offsets the web's inclination to return to its prior position. The guide (single or double roller) must be installed after a long, free-entering span to avoid wrinkling.

REWIND GUIDING (chasing) provides edge position controls by having the shifting stand and attached sensor 'chase' any web misalignment as the roll is winding. A fixed idler roller is required between the sensor and the rewinding roll.

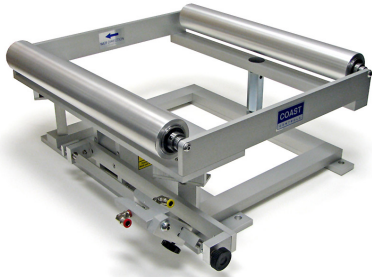
DISPLACEMENT GUIDES

MDG3

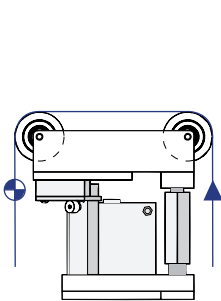
MDG4

MDG5

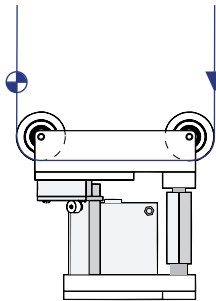
RDG5



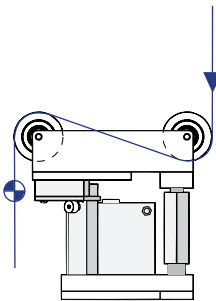
WEB PATH CONFIGURATIONS



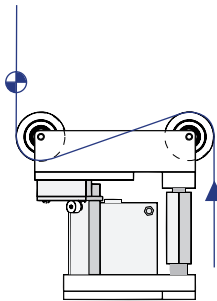
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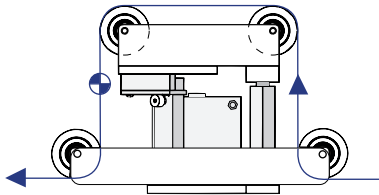
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C



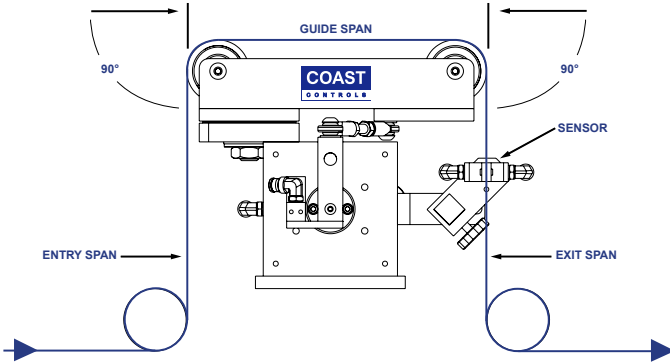
D



4-Roller

REQUIREMENTS FOR DISPLACEMENT GUIDE APPLICATION

- Entry and exit spans must be parallel to each other and perpendicular to the plane of the guide's motion
- Web must enter and exit the guide at a 90° angle
- Guide span should be approximately 1x the maximum web width
- The air-flow sensor must be securely mounted after the guide's exit roller and within the first one-third of the exit span
- At least one idler roller must be located between the exiting guide roller and the process (printing, laminating, etc.)



MINI DISPLACEMENT GUIDES

Mini Displacement Guides come equipped with solid aluminum plate construction, clear anodized finish, stainless steel hardware, low friction ER style bearings and Auto Centering as standard features.

MDG3

Web widths up to 4 in (101.6mm)

Roll Face	5 in (127) to 6 in (152.4)
Guide Span	5 in (127) to 6 in (152.4)
Roller Diameter	1.5 in (38.1) to 2 in (50.8)

The MDG3 web guiding systems feature a 3 inch (76) actuator and either a 2 or more roller configuration and are designed for narrow web applications up to 4 inches (101.6).

MDG4

Web widths up to 8 in (203.2mm)

Roll Face	7 in (177.8) to 10 in (254)
Guide Span	8 in (203.2) to 10 in (254)
Roller Diameter	1.5 in (38.1) to 2.5 in (63.5)

The MDG4 web guiding systems feature a 4 inch (101.6) actuator and either a 2 or more roller configuration and are designed for narrow web applications up to 8 inches (203.2).

MDG5

Web widths up to 13 in (330.2mm)

Roll Face	8 in (203.2) to 15 in (381)
Guide Span	10 in (254) to 12 in (304.8)
Roller Diameter	2.5 in (63.5) to 3 in (76.2)

The MDG5 web guiding system features a 5 inch (127) actuator and either a 2 or more roller configuration and are designed for narrow web applications up to 13 inch (330.2).

RIGID AND CUSTOM DISPLACEMENT GUIDES

Our **Rigid and Displacement Guide** systems are engineered with a 2 and 4-point suspension systems which offers the ultimate in support for medium to heavy duty applications. **Rigid** displacement guides come equipped with solid aluminum plate construction, clear anodized finish, stainless steel hardware, low friction ER style bearings and Auto Centering as standard features. **Custom** displacement guides come with stainless steel hardware, low friction ER style bearings and Auto Centering as standard features.



RDG5

RDG5

Web widths up to
26 in (660.4mm)

Roll Face	20 in (508) to 30 in (762)
Guide Span	16 in (406.4) to 25 in (635)
Roller Diameter	3 in (76.2) to 4 in (101.6)

CD2

Web widths up to
35 in (889mm)

Roll Face	34 in (863.6) to 40 in (1016)
Guide Span	20 in (508) to 30 in (762)
Roller Diameter	3 in (76.2) to 4 in (101.6)

CD4

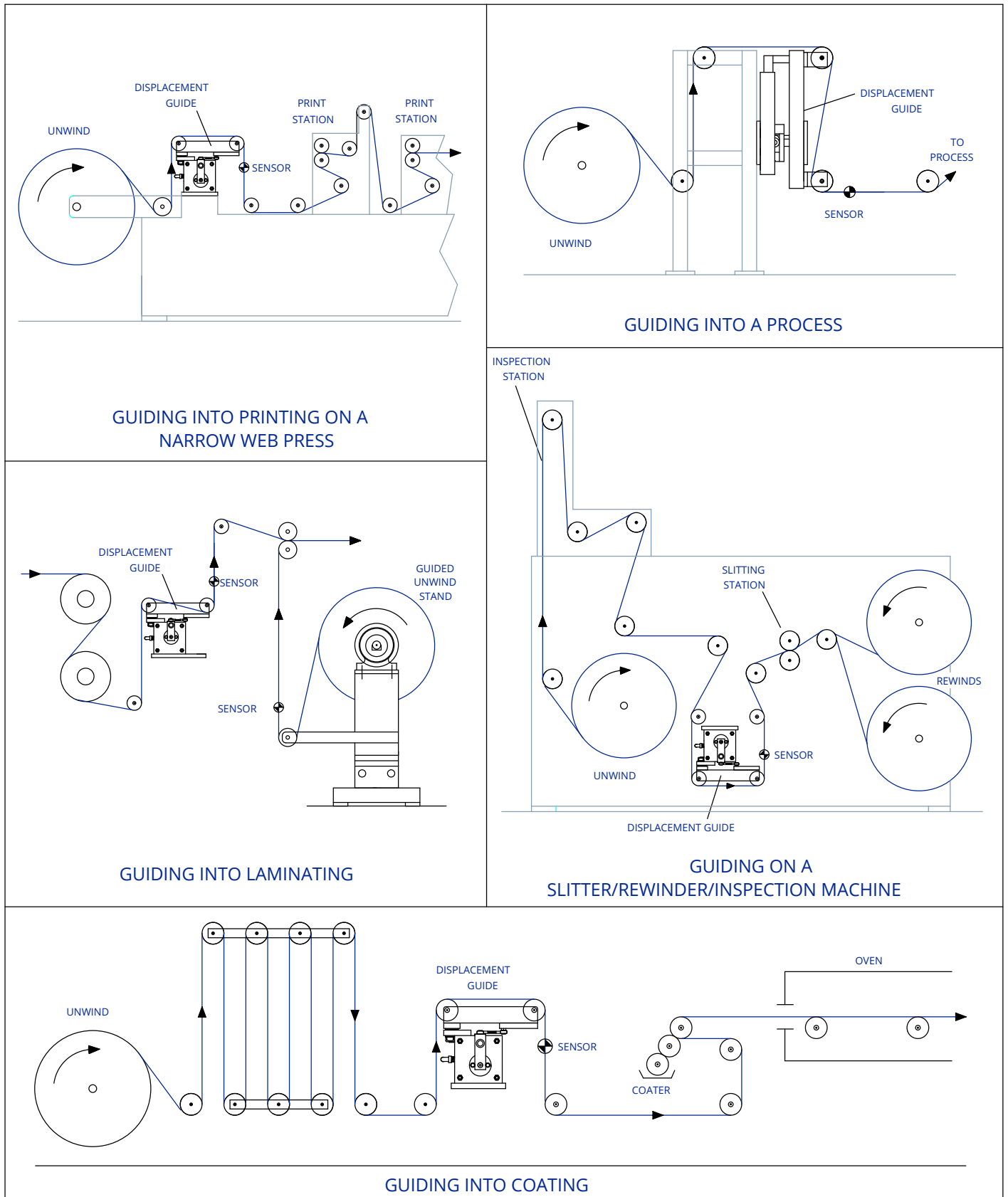
Web widths up to
130 in (3302mm)

Roll Face	45 in (1143) to 140 in (3556)
Guide Span	20 in 508 to 75 in (1905)
Roller Diameter	3 in (76.2) to 8 in(203.2)



ST2

DISPLACEMENT GUIDE APPLICATIONS



GUIDING INTO PRINTING ON A NARROW WEB PRESS

GUIDING INTO A PROCESS

GUIDING INTO LAMINATING

GUIDING ON A SLITTER/REWINDER/INSPECTION MACHINE

GUIDING INTO COATING

RS1-75



RS1-10



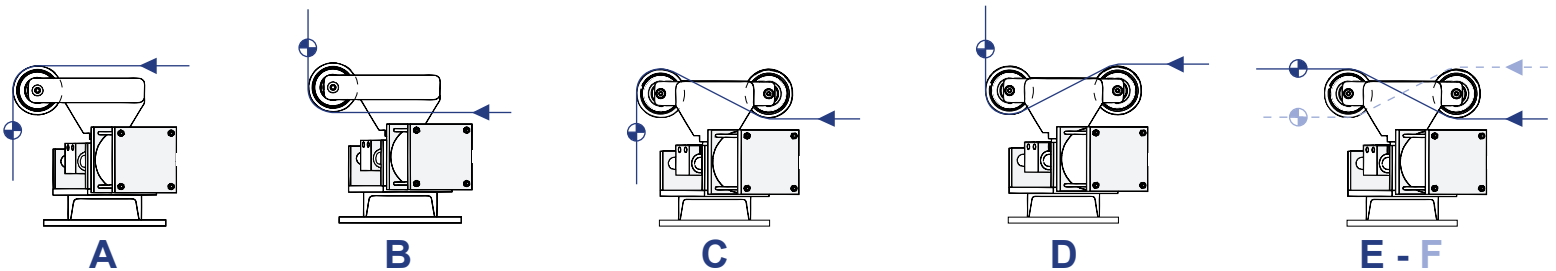
RS2-75



RS2-10

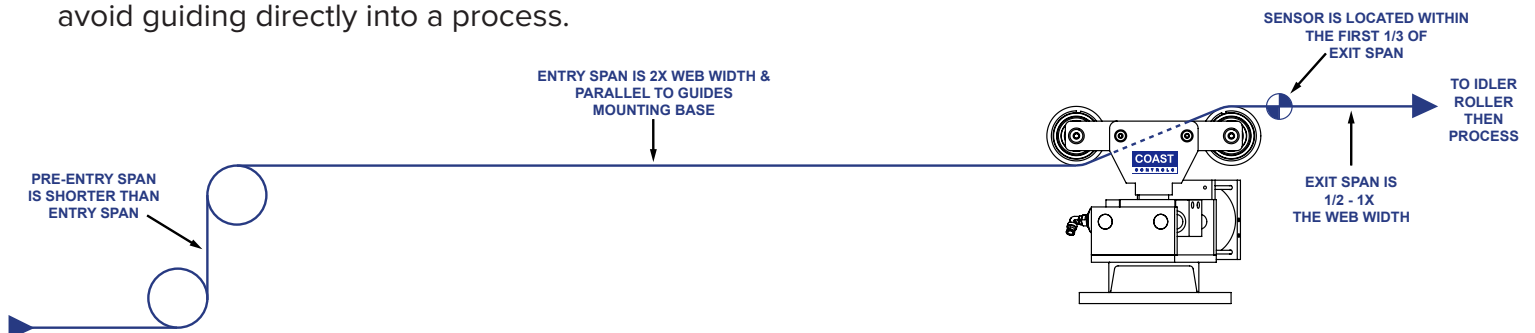


WEB PATH CONFIGURATIONS



REQUIREMENTS FOR STEERING GUIDE APPLICATION

- The steering guide must be installed after a long, free-entering web span to prevent wrinkling. A web entry span of at least 2x the maximum web width must be maintained.
- The pre-entry span must be shorter than the entry span.
- The preferred exit span should be at least 1/2 to 1x the max web width.
- The air-flow sensor must be securely mounted after the guide's exit roller (within the first 1/3 of the exit span).
- At least one idler roller must be located between the exit roller and the process (i.e. printing) to avoid guiding directly into a process.



STEERING GUIDES

Steering Guides are either solid aluminum plate construction, clear anodized finish or steel channel construction, painted to the customer's specification. Both of which come equipped with stainless steel hardware, low friction ER style bearings, and Auto Centering as standard features.

RS1-75

Web widths up to 8 in (203.2mm)

Roll Face 8 in (203.2) to 10 in (254)
Roller Diameter 2 in (50.8) to 2.5 in (63.5)

The RS1-75 Steering Guides are compact steering guides ideal for the narrow web industry. They features a single raceway assembly with 3/4-inch race rods and is powered by a 4 inch (101.6) diameter air cylinder.

RS1-10

Web widths up to 15 in (381mm)

Roll Face 15 in (381) to 18 in (457.2)
Roller Diameter 2.5 in (63.5) to 3 in (76.2)

The RS1-10 Steering Guides feature a single raceway assembly with 1 inch (25.4) diameter race rods and are powered by a 5 inch (127) diameter air cylinder.

RS2-75

Web widths up to 30 in (762mm)

Roll Face 21 in (533.4) to 35 in (889)
Roller Diameter 2.5 in (63.5) to 4 in (101.6)

The RS2-75 Steering Guides feature a dual raceway assembly with 3/4 inch (19.05) race rods and are powered by a 5-inch diameter air cylinder.

RS2-10

Web widths up to 130 in (3302mm)

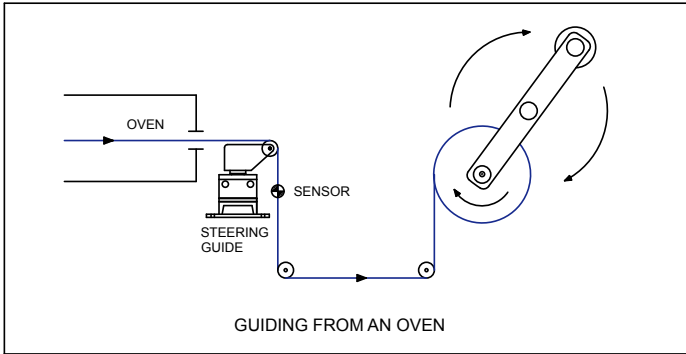
Roll Face 40 in (1016) to 140 in (3556)
Roller Diameter 3 in (76.2) to 8 in (203.2)

The RS2-10 Steering Guides are a robust steering guide ideal for the medium to wide web industry. They features dual raceway assemblies with 1 inch (25.4) race rods and are powered by 5, 6 or 8-inch diameter air cylinders.

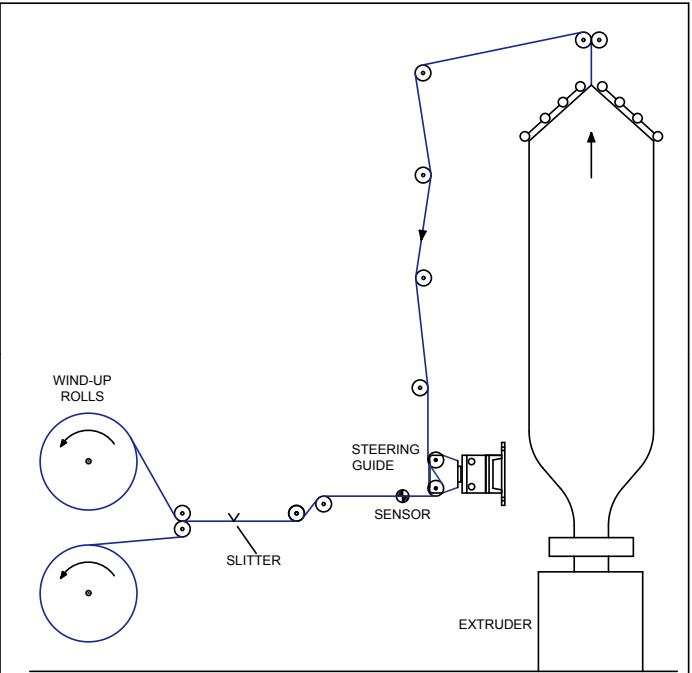
ST4



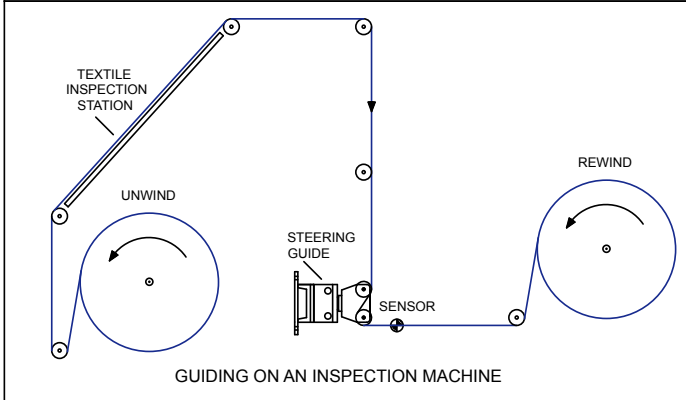
STEERING GUIDES APPLICATION



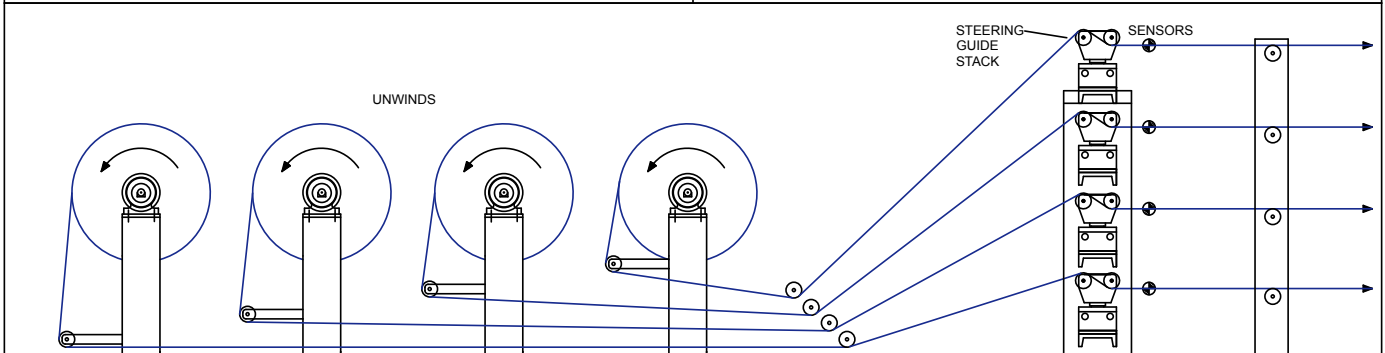
GUIDING FROM AN OVEN



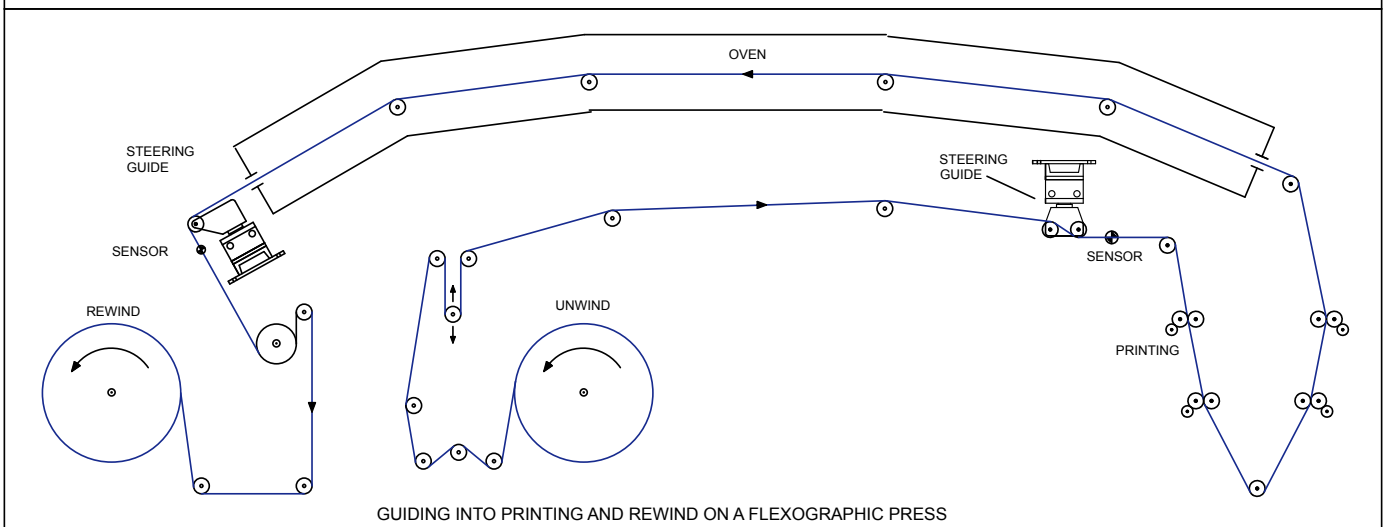
GUIDING INTO SLITTING AND WIND-UP ON A BLOWN FILM EXTRUDER



GUIDING ON AN INSPECTION MACHINE



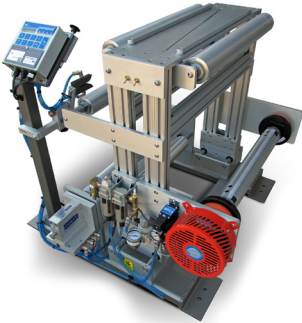
GUIDING 4 WEBS ON A MULTIWALL BAG MACHINE



GUIDING INTO PRINTING AND REWIND ON A FLEXOGRAPHIC PRESS

WINDING GUIDES

SRS2-R10-U



SRS2-R10-R



SRS1-R10-U-C



Unwind Guides Requirements

- At least one fixed idler roller is attached to – and moves in unison with the unwind stand to keep the material on a constant plane through the air-flow sensor as the diameter of the unwinding roll decreases.
- The air-flow sensor mounts to a stationary part of the machine independent of the shifting stand and does not move during guiding.

Rewind Guides Requirements

- A fixed idler roller is mounted independent of the rewind stand between the air-flow sensor and the rewinding roll.
- Air-flow sensor is attached to and moves in unison with the rewind stand to maintain a constant plane of the web through the sensor as the diameter of the rewinding roll increases.

Open Loop vs Closed Loop Tension Control

Open Loop systems utilize products such as ultrasonic sensors or proximity sensors to measure, or calculate roll diameter. Based on inputs into the controller, the controller proportionally regulates torque to maintain tension as the roll diameter increases or decreases, as opposed to closed loop systems which receive tension feedback directly from the web of material. Although not as precise as closed loop systems, open loop systems still provide an automated system of consistent tension control that outperforms manual control. Open loop systems are generally less expensive than closed loop systems because you are not utilizing additional products, like load cells.

Closed Loop tension control refers to a continuous flow of communication from a web tension measurement device, to a torque controller, to a torque device. Web Tension Measurement devices include load cells or a dancer position feedback sensor, that are constantly relaying tension changes directly from the web of material to the tension controller, which regulates the output of the torque device, which may be a brake, clutch, or drive to maintain the desired tension level. If any changes in tension are detected the controller can instantly alter the torque device to maintain set tension resulting in consistent, uniform and precise control of the entire process.

Coast Unwind and Rewind Guiding Systems combined with Montalvo tension & torque controls provide a complete turnkey package that is sure to meet the needs of your application.

Rewind Guides

CANTILEVER ROLL STAND

SRS1-R10-R-C

MAX WEIGHT (kgs)

200lbs (90.7)

SHIFTING ROLL STAND

SRS2-R10-R

750 lbs (340.1)

SRS4-R10-R

1500 lbs (680.3)

SRS4-R15-R

2500 lbs (1133.9)

SRS4-R20-R

5000 lbs (2267.9)

Unwind Guides

CANTILEVER ROLL STAND

SRS1-R10-U-C

MAX WEIGHT (kgs)

200lbs (90.7 kgs)

SHIFTING ROLL STAND

SRS2-R10-U

750 lbs (340.1)

SRS4-R10-U

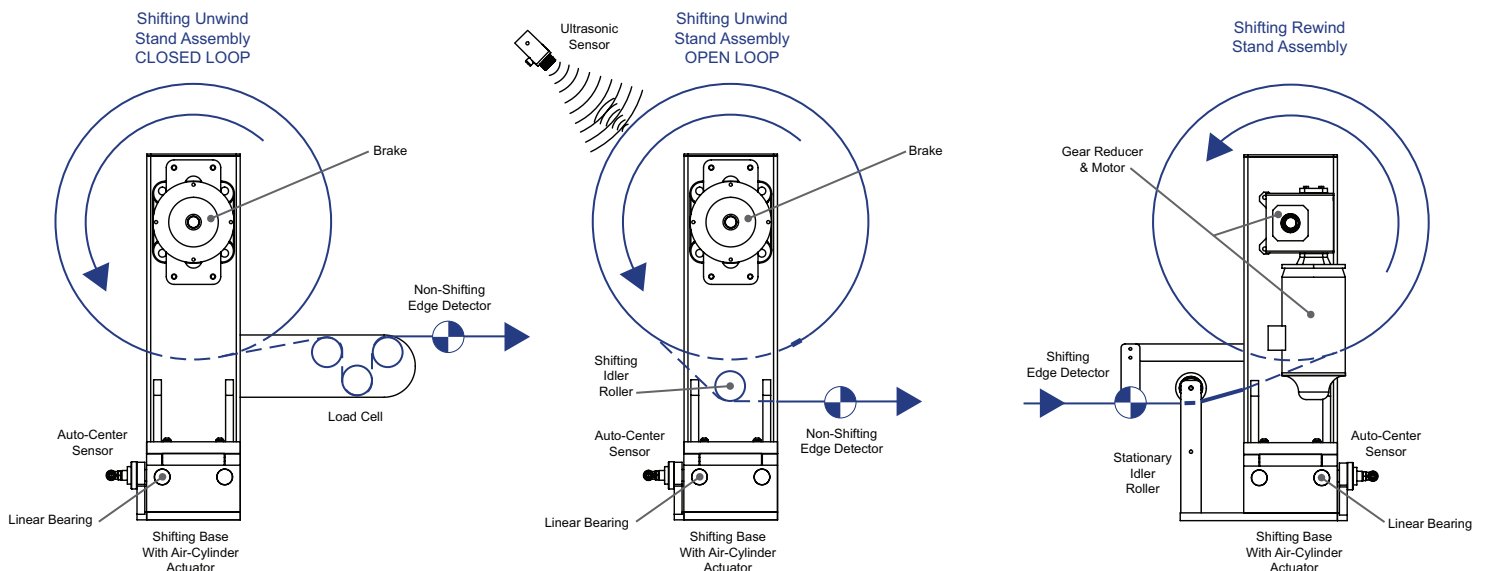
1500 lbs (680.3)

SRS4-R15-U

2500 lbs (1133.9)

SRS4-R20-U

5000 lbs (2267.9)



RETROFIT

Are you tired of fried circuit boards, burned out motors, leaky hydraulics, obsolete spare parts, needless downtime, etc?

Maybe it's time you did something about it. If you answer yes to any of the following questions then now is the time to replace the old hydraulic or electronic controls on your web guide with Coast's exclusive All-Air control system:

- Does your current web guide control system require any routine maintenance?
- Are you tired of leaky hydraulics?
- Have you had to replace expensive electronic components?
- Do you have to carry spare parts?
- Do you want to eliminate down time?

BENEFITS OF RETROFITTING

- Accurate — guiding results guaranteed to your satisfaction
- Dependable — backed by our full 10-Year Guarantee
- No routine maintenance
- No spare parts required
- Simple to understand and install — attaches directly to existing guide frame

Basic Package BRPP50



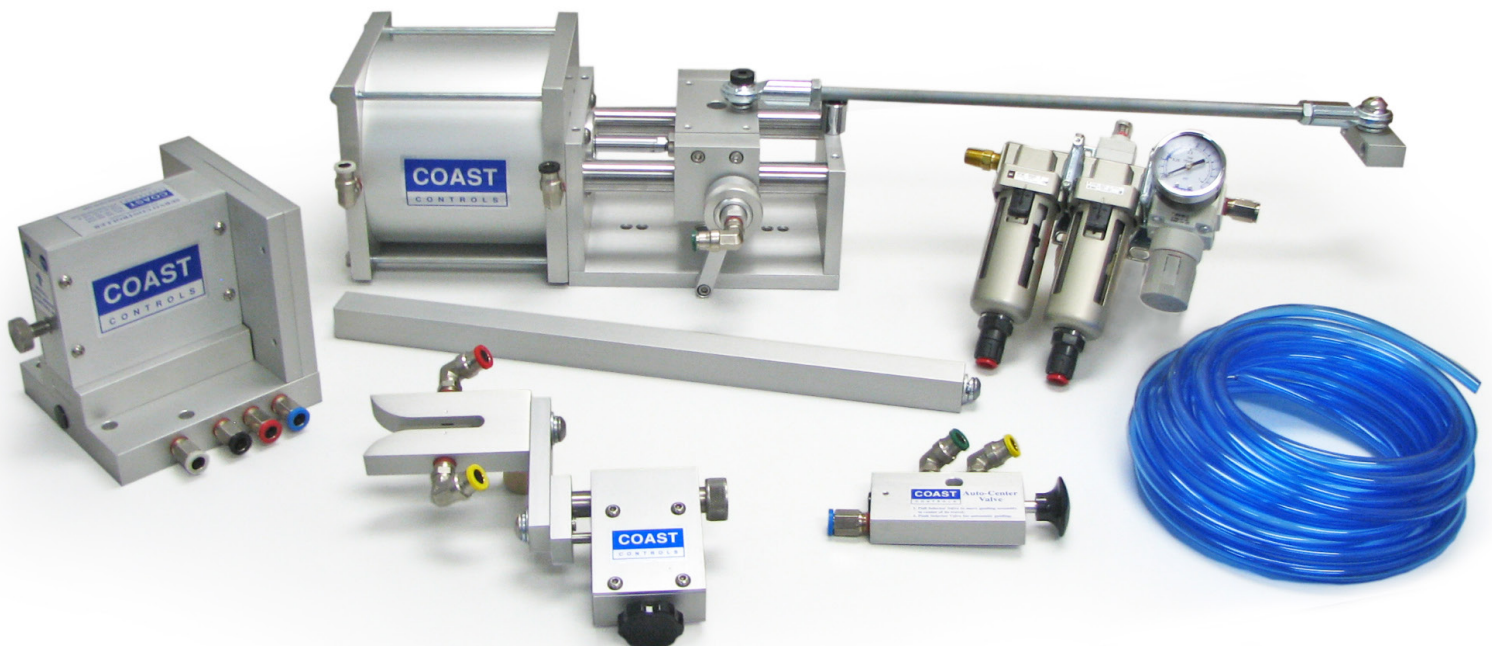
RETROFIT REQUIREMENTS

- Existing guide must be in good mechanical condition and move freely (without bind)
- Guide must be properly located and installed on a web processing machine
- It may be necessary to relocate the existing guide to obtain desired guiding results

TYPICAL RETROFIT COMPONENTS INCLUDE:

- **Model 10A Friction-Free Proportional Servo Controller**
- **Two Stage Cartridge/Coalescing Filter with Precision Regulator, Pop-Up Indicator and Gauge Assembly**
 Cartridge(0.5 μ) / Coalescing(0.01 μ)
- **Piston Type Actuator**
 Engineered with 1/2 PSI breakaway.
 3", 4", 5", 6" and 8" bores available in various strokes
- **Raceway Bearing Assembly**
 3/4" diameter bearing shafts up to 1.5" diameter for heavier applications
- **Carrier Block and Auto Center Assembly**
- **Auto Center Assembly with 3-Way Valve**
- **Air Flow "Edge" Sensor**
 Various gaps for different web thicknesses.
 Paddle type feeler sensors also available
- **Model 104 Mounting Bracket and 1-inch Square Bar.**
 Course and Fine adjustments
 Remote controlled brackets also available

Complete Package
CRPP50



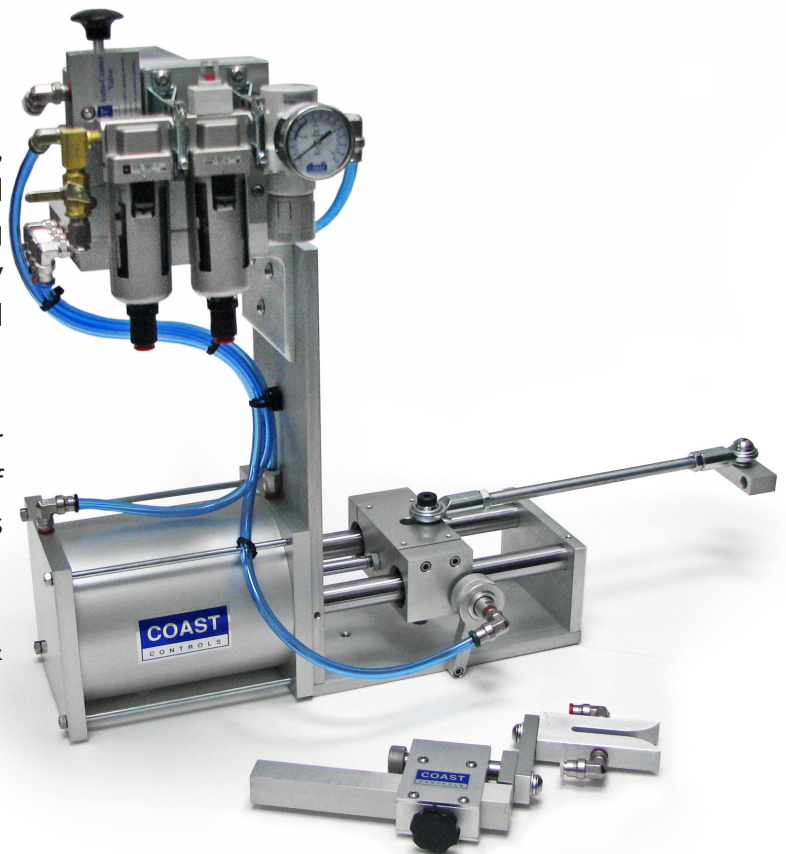
ROLL STAND CONTROLS (RSC)

RSC60

The model RSC60 is completely assembled, pre-piped and ready for production. It is used primarily to attach directly to an existing shifting unwind or rewind stand system. It automatically positions the roll of material to a predetermined point based on the location of the edge sensor.

The model RSC60 features a 6-inch diameter air cylinder, which at 8 psi (.55 bar) is capable of shifting a total weight (roll + Stand) of 2,500 lbs (1,134 kgs).

The model RSC60 is available with standard 4 & 6-inch stroke cylinders.



RSC80

The model RSC80 is completely assembled, pre-piped and ready for production. It is used primarily to attach directly to an existing shifting unwind or rewind stand system. It automatically positions the roll of material to a predetermined point based on the location of the edge sensor.

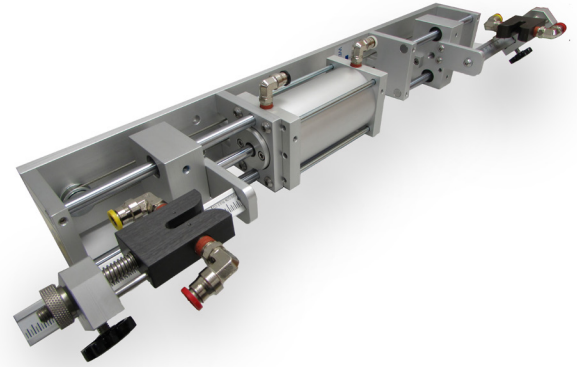
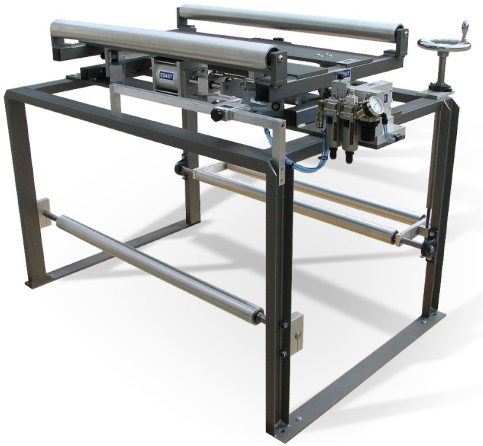
The model RSC80 features an 8-inch diameter air cylinder, which at 10 psi (.689 bar) is capable of shifting a total weight (roll + Stand) of 5000 lbs (2268 Kgs).

The model RSC80 is available with standard 4 & 6-inch stroke cylinders.

ADDITIONAL PRODUCTS & OPTIONS

CENTERING GUIDES

For centerline guiding applications the CG2 works in conjunction with other Coast Intermediate Guides to align the web's imaginary centerline on materials with varying web widths. The moving Sensor Positioning Assembly can automatically adjust up to 20 in of web width change and sensors will automatically retract when put into "auto-center".

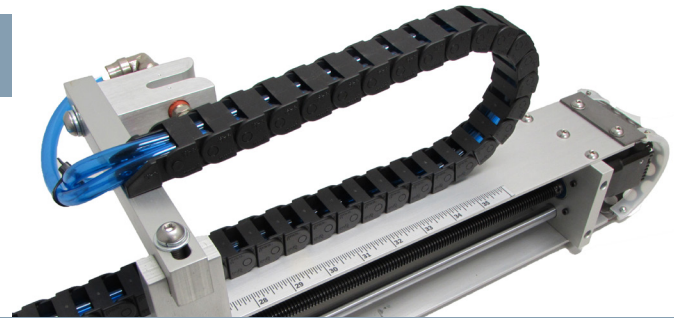


CUSTOM MOUNTING STANDS

Using state-of-the-art equipment, we can manufacture custom mounting stands to accommodate non-standard guiding applications. All engineering and manufacturing is done on site which allows us to build a custom stand to fit your guiding needs. Whether it's as simple as adding additional idler rollers or complex configurations, Coast can handle it.

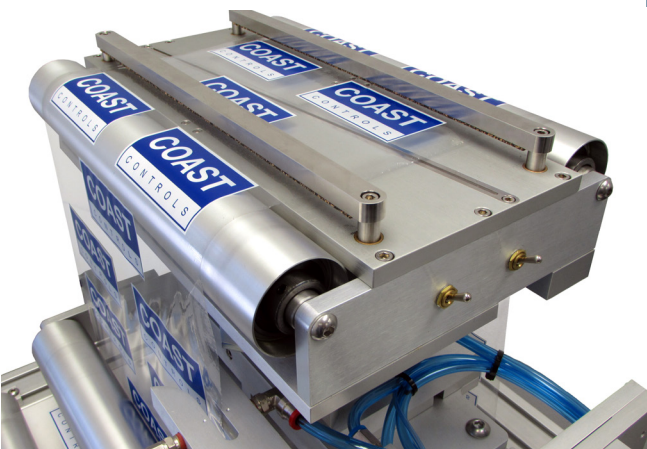
REMOTE SENSOR POSITION ASSEMBLY

For guiding applications in remote areas, a Remote Sensor can be used to change the sensor location to accommodate web width changes. The electronic switch can be connected to a PLC or manually operated.

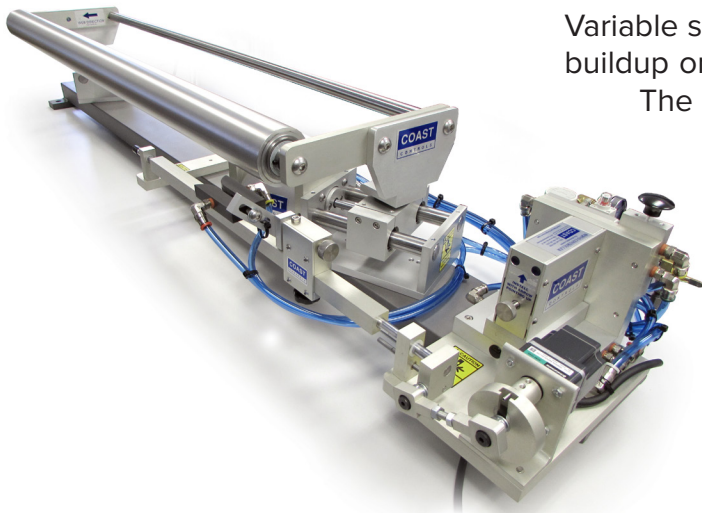


SPLICE TABLE

Splice Tables are designed to attach to a standard displacement guide or can be mounted independently and are used to firmly clamp the leading end of a new roll to the trailing end of a recently expired roll. Splice tables include an anodized aluminum mounting plate, a replaceable steel insert with a milled slot to guide the cutting knife or rotary blade, dual micro pneumatic actuators with independent toggle switch controls, variable speed adjustment for each clamp and independent cushioned clamping arms lined with rubber cork for assured grip.



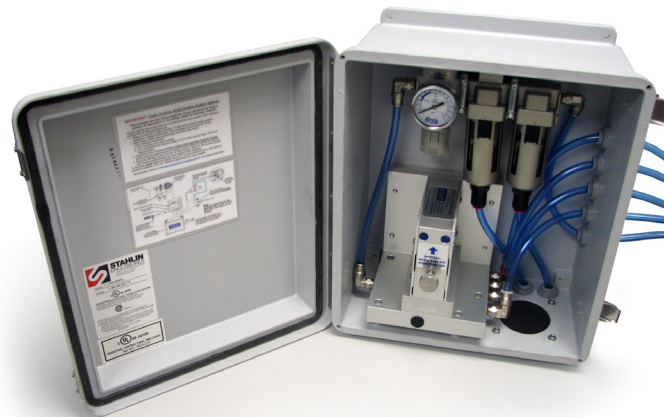
OSCILLATION (ELECTRIC OR PNEUMATIC)



Variable speed oscillating motor is used to offset “Gauge Band” buildup on certain guiding applications to prevent roll slippage. The electric motor combines 90 VDC accuracy with a 115 VAC Speed control. The fully adjustable cam arm gives you the ability to set the desired offset from 0 to 1-inch and anywhere in between. This combination results in a compact easy to use package capable of varying speeds from fast to slow with 0 to 1inch of oscillation. Larger amounts of oscillation are available upon request.

WASH DOWN ENCLOSURE

NEMA-4X ventilated industrial enclosures are UL Listed and provide perfect protection for System Controls from harsh environments such as dirt, wash down, splashing liquids, and corrosive agents. These enclosures along with Stainless Steel guiding equipment are used in production areas such as food packaging applications.



END PIVOT GUIDE

End pivot guides (EPG) are typically used with conveyor belts. EPG's are designed for standard to rigorous environments including high heat, high tension and wash down applications. The use of a standard fork sensor or the feelertype paddle sensors are used to detect the location of the belt edge. EPG systems are available in standard materials as well as complete stainless steel.

IDLER ROLLERS

Coast Controls makes 3 types of rollers for your converting process: Aluminum, Steel and Stainless Steel. Each type of roller comes in a number of sizes and coatings which allows us to make a specific roller for your needs.

Since our founding in 1992, we have been manufacturing high quality idler rollers, selling them individually and as part of our innovative all-air web guide systems. Our idler rollers are made of various materials and are designed to fit specified web guiding applications. No matter what type of roller you are looking for, we will engineer a high quality, precision made, idler roller that is the perfect fit for your industry and application. All of our idler rollers are dynamically balanced ISO grade G6,3.

When you order an idler roller from Coast Controls, you are getting a product that you can rely on for years to come. We offer the same 100% satisfaction guarantee that we have placed on our highly reliable web guiding systems since 1992. With the quickest turnaround time in the business, most orders will be shipped within two to three weeks.

Live Shaft vs. Dead Shaft

Dead Shaft - (Roll body rotates, shaft is rigidly mounted)

Dead shaft idlers are less expensive than live shaft idlers, which has made them more popular over the years. Also, since the roll body is the only rotating object on a dead shaft idler, the rolling inertia is much less than a live shaft. Dead shaft idlers also benefit by having low friction bearings, which help increase the bearing life span.

Live Shaft - (Roll body and shaft rotate together)

The most popular reason people go with live shaft idlers is because they either need to be driven and/or they can work in harsher environments like those that involve damaging chemicals or vapors, high levels of dust, or excessive moisture. Also, since the bearing size is not limited to the size of the idler roll body, live shaft idlers can withstand higher workloads. Another key advantage of live shaft rollers is that they can allow for longer rolls since self-aligning bearings can be used. Live shaft idlers can also work in elevated temperatures when positioning the bearings outside the harsh environment which prolongs the bearing life.

COAST CONTROLS ROLLER SPECS

Dead Shaft Idler Rolls

- 32 Ra finish on roll face
- Dynamically balanced to ISO grade G6,3
- Straightness over roller face width within the greater of 0.002in or 0.0005"/ft of face length
- Low-Friction bearings
- O.D. to bore run out within 0.002 to 0.007 depending on the diameter and length

Live Shaft Aluminum Idler Rolls

- 32 Ra finish on roll face
- Dynamically balanced to ISO grade G6,3
- Straightness over roller face width within the greater of 0.002in or 0.0005"/ft of face length
- Journal run out to roll O.D. within 0.002 to 0.007 depending on the diameter and length

ALUMINUM ROLLERS

Aluminum idler rollers are about half the weight of steel idlers. This type of idler roller is best suited for web guide applications with low web tensions and less web material. These lighter idlers are ideal for applications that require lower web tensions and minimal web wrap.

Dead Shaft Aluminum Idler Rolls

- 6061-T6 aluminum tubing

Live Shaft Aluminum Idler Rolls

- 6061-T6 aluminum tubing
- Journal Material 1018 Carbon Steel

STEEL ROLLERS

Steel idlers provide exceptional performance over a wide range of applications while possessing the strength to withstand substantial loading from nips, wrap angle and high web tension. Steel idlers work well in temperatures up to 350 degrees F with a lesser thermal expansion rate than aluminum.

Dead Shaft Steel Idler Rolls

- DOM Tubing

Live Shaft Steel Idler Rolls

- DOM Tubing
- Journal Material 1018 Carbon Steel

STAINLESS STEEL ROLLERS

Stainless steel idlers are engineered for corrosive and high moisture environments. These idlers provide exceptional performance over a wide range of applications while possessing a higher wear resistance than mild steel. Typical applications include food and medical environments.

Dead Shaft Stainless Steel Idler Rolls

- Grade 304 or 316 Tubing

Live Shaft Stainless Steel Idler Rolls

- Grade 304 or 316 Tubing
- Journal Material 304 stainless steel

ROLLER OPTIONS

Plasma Coatings



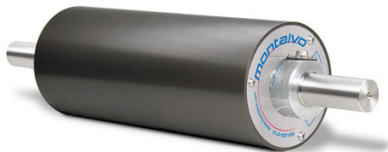
Live Shaft



Dead Shaft



Tension Sensing



Polyurethane Coated



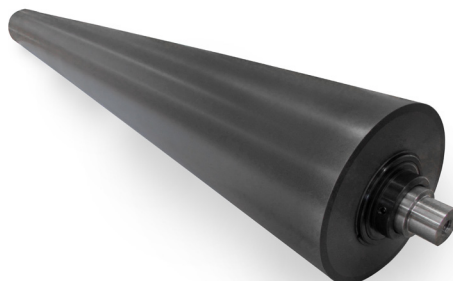
Rubber Cork Tape



Grooved



Hard Coat Anodized



Reverse Crown



PRODUCT FAQ

How much air pressure does a Coast system require to operate?

The Two-Stage filter package requires a minimum of 60 PSI to seat the filter bowls. After the filter bowls are seated, the precision regulator will reduce the air to a normal operating range of 5 to 8 PSI.

How much air does a Coast system consume?

Under normal operating conditions, normal usage is approximately 1.5 CFM.

Air is expensive! What is the utility cost to operate a Coast system?

Since a Coast system will consume approximately 1.5 CFM at 5 PSI it depends on the air compressors efficiency. For Example, at 95% efficiency and a \$.08/KWH rate, usage is approximately \$0.0235/hour!

Does Coast provide training and installation?

Coast technicians can provide on-site training and installation, but not necessary. Most systems require a few bolts to install and the training is as easy as 1-2-3 as there are only three (3) settings to achieve a perfect web guide or your application.

Do I need to stock spare parts?

No. Coast systems are built to last, but if a part is needed, 99% of all components are on the shelf and can ship the same day.

How does a Coast system perform with Clear or Metalized film?

Perfect! Since only a small stream of air is used to detect the materials edge, it doesn't matter if the material is clear, opaque, dense or reflective.

How well does the system work in Hot, Humid and Dusty environments?

Flawlessly! The system takes in cool compressed plant air and never vacuums or draws from the outside air such as other sensors on the market. Therefore, the sensor is essentially self-cleaning.

What routine Maintenance is required?

None. The two-stage filter package relies on a pop-up indicator to let you know if the filter elements have been compromised which can cause irregular movement in the system.

What are the Electrical requirements?

None. The system is powered entirely by high pressure plant air, then regulated to a lower operating air pressure.

BENEFITS COAST CONTROLS

Since 1992 Coast Controls, Inc. has manufactured the world's most reliable and simplistic web guiding system on the market. Listed below are some of the advantages Coast Controls' All-Air Guiding System has to offer over other web guiding systems!

Dependability: Pneumatics are renowned for their dependability, which means less downtime and more production. That's why all of our web guide systems are covered by an unprecedented 10 year warranty.

Uniformity: One sensor for all materials. It doesn't matter if it's opaque, translucent, reflective or even clear, our air-flow sensor will detect any material that disrupts the signal air stream.

No Electricity: No electricity or electrical components with the potential to "burn out", i.e. controllers, motors, switches, circuit boards, etc., hence fewer spare parts needed in your inventory.

Self Cleaning: The Air-Flow, Edge Sensor orifices have positive air flow on both sides! No Vacuum!

Accurate: Guiding results are 100% satisfaction guaranteed on all applications.

No Routine Maintenance: No lubrication or routine maintenance required. Pop-Up indicator on Filter Package will let you know when to replace filter elements.

Dust and Dirt Friendly: Our guide systems are not affected by dusty or dirty production environments or operating in high heat or humid areas.

No Explosions: Our systems are inherently explosion proof right out of the crate.

Great ROI: Coast Controls' web guides and rollers ultimately reduce your production costs.

Simplicity: The Coast systems are extremely simple to install, operate and maintain. We use the same controller on every system we build. Once you know how to operate one, you know how to operate any type of guiding system we build.

QUALITY ASSURANCE

Coast Controls All-Air Guiding Systems are 100% guaranteed to perform to the Customer's complete satisfaction when installed as recommended.

The simplified design and dependability of the friction free All-Air Servo Controller and related components, allows Coast to provide a 10-Year Guarantee on each guiding system. The warranty is from date of shipment and covers defects or premature wear of any guiding system component.

To ensure years of trouble free operation, tandem mounted particulate and coalescing air filters are provided with each guiding system.

Contact Coast's Technical Support Department for various answers to warranty or other questions.

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