

# AccuGuide™

## Shifting Base Guide Assemblies

**SB-AP, SB-FS**



653006 Shifting Base with unwind uprights – FS Series

**Custom engineered shifting base assemblies manufactured with anodized aluminum plate or structural steel tube to provide superior performance and reliability**

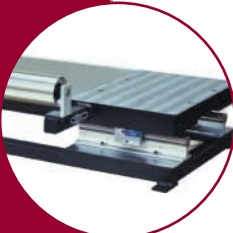
Powerful electromechanical actuators can be sized to handle ANY application



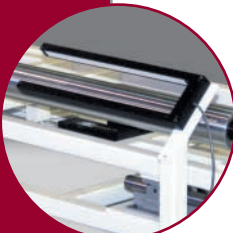
A variety of low-friction linear bearings are available



Exiting idler rollers can be mounted on shifting base assemblies



WideArray™ mounted on an FS shifting base unwind assembly



AccuGuide Unwind/Winder-Rewind Shifting Base assemblies are manufactured in two construction methods. Structural steel tube (SB-FS Series) is used for wide web or high tension applications and anodized Aluminum plate (SB-AP Series) is used for mid to narrow webs. The low coefficient of friction linear bearing systems provide superior long term reliability and accuracy. Shifting base assemblies are custom engineered to suit each application. Uprights and mounting surfaces are designed to accommodate tension/safety chuck systems. These assemblies come ready to install with pre-designed mounting feet that are level and tram.

***Like Every AccuWeb Guide Component, the AccuGuide Shifting Base Assemblies are Built to Last.***

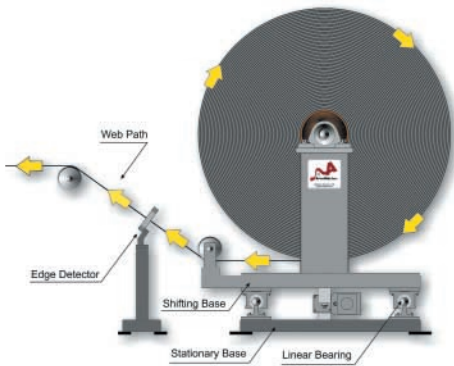
- **Heavy-Duty FS Series Tubular Steel** — Provides exceptional strength and design flexibility for wider web or higher tension applications.
- **Low-Inertia AP Series Aluminum Plate Design** — High strength-to-weight ratio ensures fast frequency response in mid to narrow web configurations.
- **Linear Bearing System** — Precise, low coefficient of friction, linear bearing assemblies are chosen to suit each application.
- **Easily Adaptable** — Shifting base assemblies are custom designed to easily integrate with existing unwind or rewind stands.
- **Easy Wipe Down** — AP Series Web Guide Systems have smooth, flat surfaces that are simple to maintain in clean room environments.
- **Free-turning Exit or Entry Idler Rollers** — Free-running bearings minimize rotational torques – ideal for running light webs. Dynamically balanced rolls ensure vibration-free performance. Choose from live shaft or dead shaft options.
- **Edge Chasing and Edge Positioning** — Custom models available to follow web position.

Manufactured in the United States  
under one or more patents and trademarks.



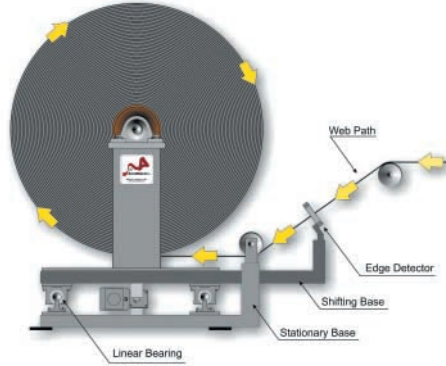
**AccuWeb, Inc.**  
www.accuweb.com

## Typical Unwind/Rewind Web Guide Layouts



**Unwind Guiding** sidelays the entire roll of material to maintain a consistent edge position as the web enters into the process. An AccuGuide Unwind guide assembly positions the web edge to the guide point. The edge detector is stationary and located immediately following the last shifting idler roller on the unwind stand.

An unwind guide eliminates problems such as uneven, telescoped or poorly wound rolls.



**Winder/Rewind Guiding** is accomplished by moving the roll of material to match the edge position of the web as it exits out of the process. An AccuGuide Rewind chases the web to keep it aligned properly on the rewind core. The rewind edge detector is attached to the moving rewind stand and is positioned on the upstream side of the last fixed idler roller.

Rewind guides create rolls with precise, even edges or can be used to oscillate, eliminating gage band problems.

## AccuGuide Shifting Base-AP Frame Options

- Hard-coat Anodized Aluminum
- Black Anodized Aluminum
- Stainless Steel

## AccuGuide Shifting Base-FS Frame Options

- Electrolys Nickel
- Stainless Steel
- Smooth Welds
- Walkways
- Custom Colors

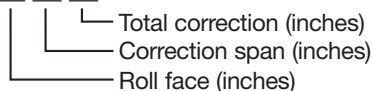
## Roller Options

- Plasma Coated
- Rubber Covered
- Hard-coat Anodized
- Cork Covered
- Micro-grooved
- Teflon®

## Model Nomenclature

Example: **Model 543604 SB-FS**

**54 36 04**



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## An AccuWeb System is a Sound Investment

- **Tangible Benefits** — While web guides represent a nominal expense within an entire converting line, they can have considerable impact on product quality, process waste, operating speeds, efficiency and maintenance costs. Choosing a web guide system that delivers optimum trouble-free performance is a wise investment.
- **The Support of Web Guide Experts** — The AccuWeb application engineering team helps you determine the best guide design and location to fit your specific converting operation. By evaluating your web widths, materials and change-over frequencies, as well as operating environment, AccuWeb helps ensure greater harmony between our innovative guide components and your web converting process for an optimum return on your investment.

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