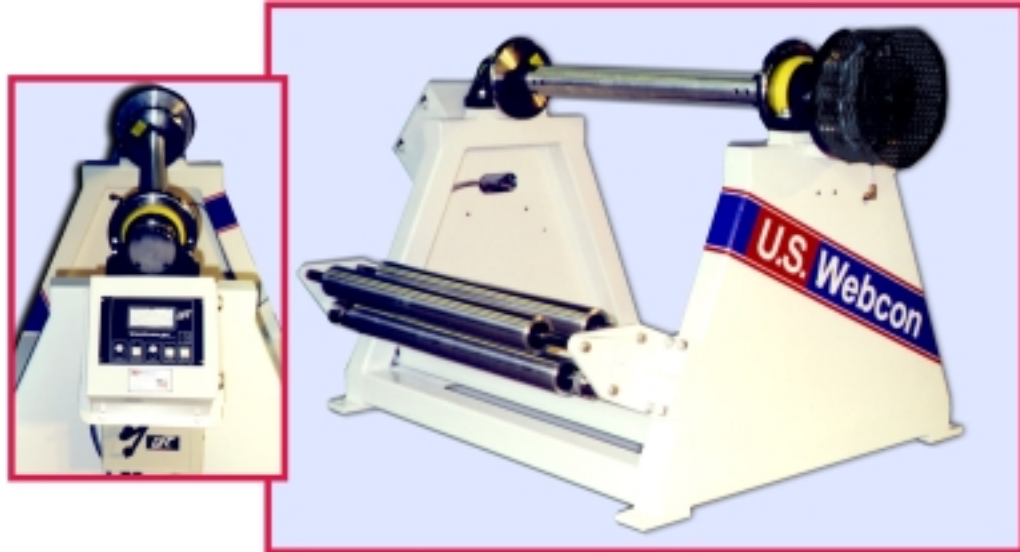


This is our simplest, most compact, universal winder design. It can be applied to light, medium, or heavy applications. An "A-frame" stand can be outfitted with many options including tension control & edge guiding, safety chucks, skew rolls, and special drives and brakes. If you are looking for an economical, durable workhorse without a great deal of automation, this may be the best design for you.



The following configurations are available:

Tension Control (manual / automatic)

- Ultrasonic Diameter Compensation
- Transducer Roll Cluster
- Dancer Roll
- Roll Calculator

Edge Guiding

- Manual or Guided Side-lay

Chucks / Bearings

- Safety Chucks
- Saddle Bearings
- (If Shaftless) Cone Chucks or any Pneumo-Mechanical / Mechanical Core Chuck

Shafts

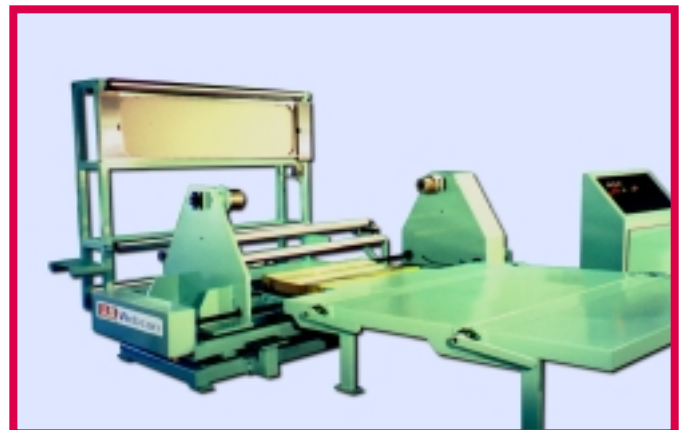
- Shafted or Shaftless
- Removable Shaft or Cantilevered
- Air Shafts, Steel, Aluminum, Carbon-fiber

Braked / Driven

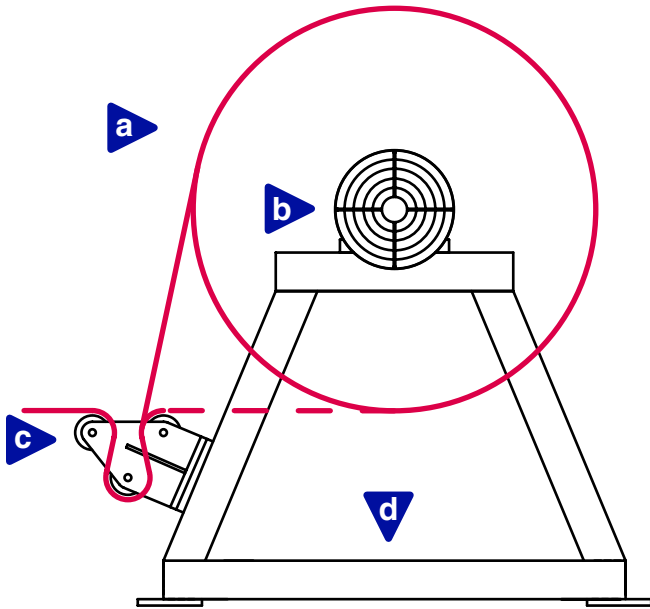
- Brakes: Puck Style or Disc Style Air-cooled, Mag Particle
- Drives: AC Digital Flux Vector, Servo, DC Regenerative

Exiting Idler (Standard)

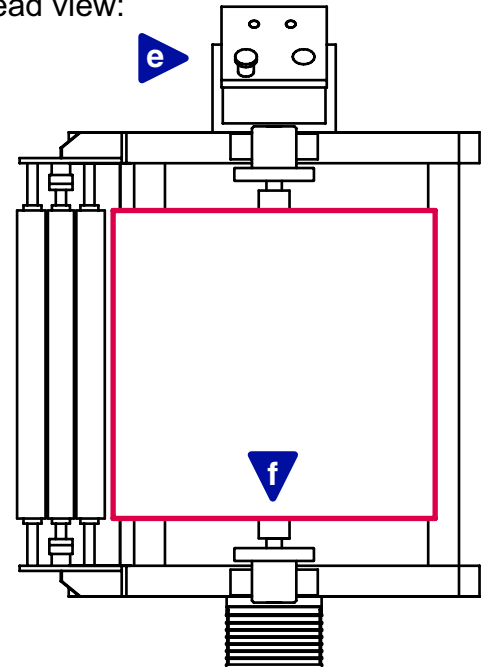
Manual Skew Roll (Baggy Edge Roll)



Side view:



Overhead view:



Basic, single position A-frame unwind with brake, tension sensing, and operator control panel

- a** unwind roll; this stand can be designed to handle almost any size or weight roll
- b** air cooled, water cooled, mag particle or friction brake
- c** transducer cluster for precise tension control (could use dancer roll)
- d** heavy wall tubular steel or plate construction
- e** operator control panel
- f** safety chucks (if shafted) or core chucks (if shaftless)

US Webcon is an American owned and operated company specializing in the design and manufacture of custom equipment for the web handling, converting and finishing industries. Below is an abbreviated listing of machinery in our product line:

Accumulators

- Web Accumulators
- J-boxes

Coating Heads

- Gravure (Reverse Gravure)
- Knife over roll
- Meyer Rod
- Padders

Doctor Machines

- Logrollers
- Wide Web Turret Logrollers
- Salvage & Trim Winders
- Splice Stations
- Web Cleaners

Inspection Equipment

- free standing or integrated
- Visual with illumination
- Electronic web inspection
 - color recognition
 - surface flaws
 - coating thickness
 - water content
 - particulate matter

Laminators

- Flame Laminators
- 2,3 or 4 roll laminators
- Roll Laminators / Calenders - Embossers

Roll Handling & Packaging

- Palletizers
- Roll bagging & boxing
- Roll conveyance systems
- Roll loading & unloading
- Roll or pallet shrink wrapping

Slitting Equipment

- free standing or integrated
- razor, shear or score
- edge trim removal
- varying degrees of automation

Winding Equipment (Unwind/Rewind)

- Single position or Multi position
- Narrow Web
- Turret
- configurations for winding equip include:
 - shafted or shaftless
 - center, surface, or center/surface driven
 - varying levels of splice/transfer automation

