

Overview

- There are three (3) New Era Units Available.
- Two (2) of these units are designed to wind up a product web.
 - The web widths these units are capable of handling are
 - From 50" wide to 13" wide
- The Winders have the ability to unwind a 2nd web that can be introduced into the web path such as an interleaf.
 - The web widths the 2nd spindle is capable of handling are
 - • From 47" wide to 10" wide
- The Unwinder is designed to handle web widths the same as the winders.
 - The web widths this unit is capable of handling are
 - From 50" wide to 13" wide
- The Unwinder has a 2nd spindle that allows it to strip a web off of the main product web such as an interleaf.
 - The web widths the 2nd spindle is capable of handling are
 - • From 47" wide to 10" wide
- The Unwinder has a 3rd spindle that can be used for a leader web to thread up your process.
 - The web widths the 3rd spindle is capable of handling are
 - • From 47" wide to 10" wide

Winder #1

New Era
Winder Module



New Era Winder Module

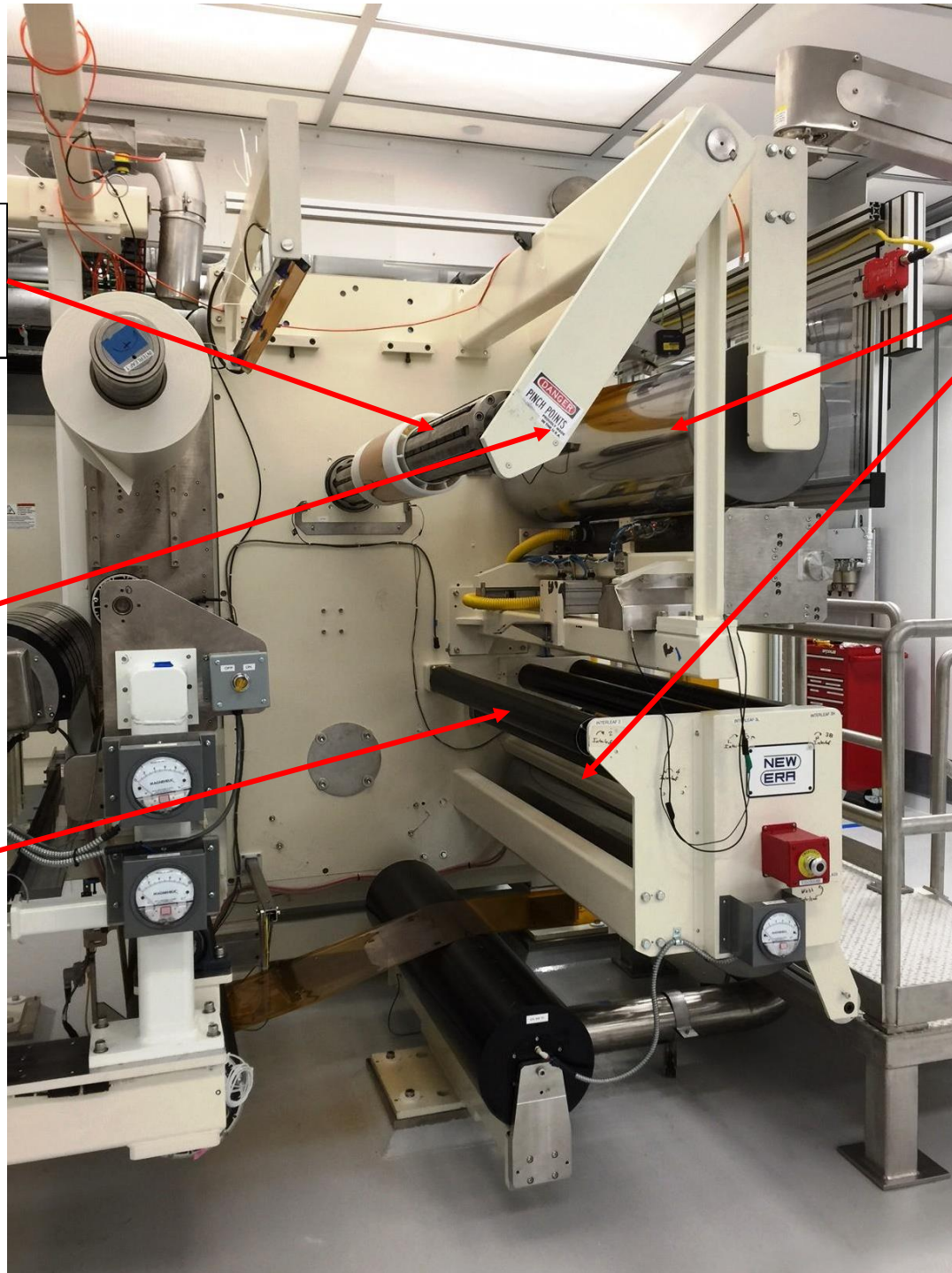
6" Diameter
GoldenRod
Expanding Chuck
Winding Spindle

This Spindle is
Cantilevered.
But, is supported
With a moving
Swing Arm
To support weights
Up 800lbs

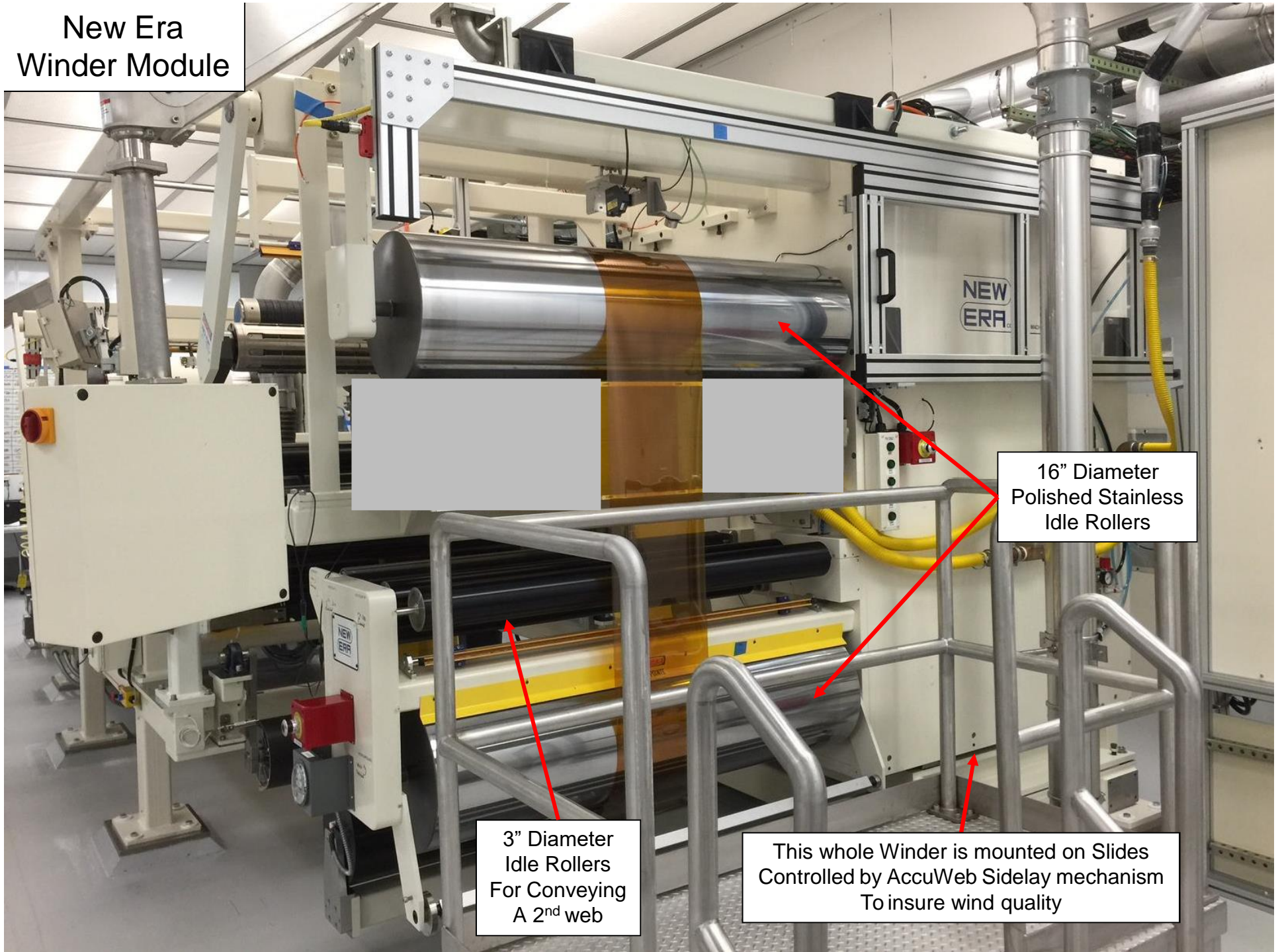
3" Diameter
Idle Rollers
For Conveying
A 2nd web

These Rollers
Have 2 sets of
Load Cells to
Maintain Tension

16" Diameter
Polished Stainless
Idle Rollers



New Era Winder Module



16" Diameter
Polished Stainless
Idle Rollers

3" Diameter
Idle Rollers
For Conveying
A 2nd web

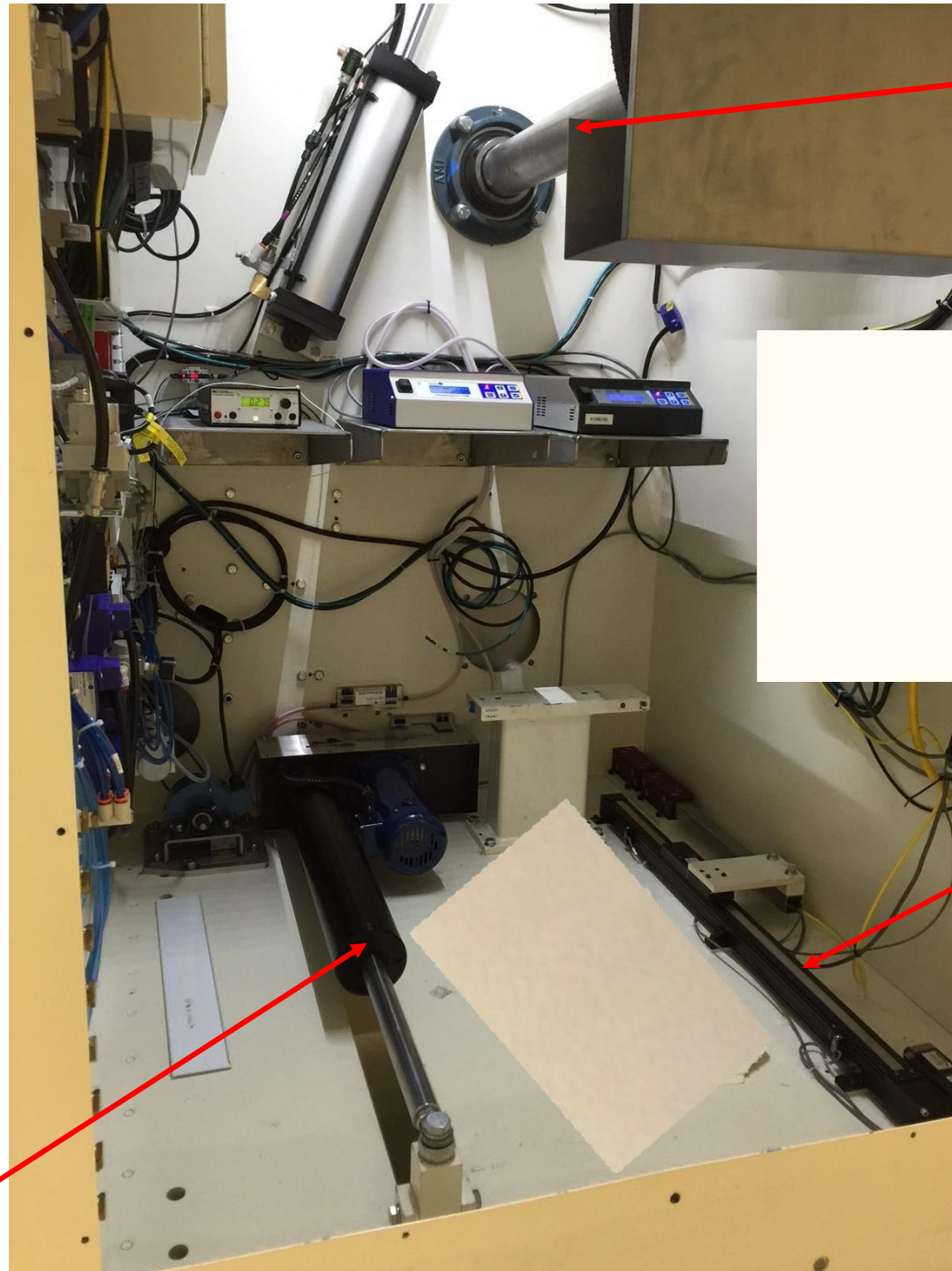
This whole Winder is mounted on Slides
Controlled by AccuWeb Sidelay mechanism
To insure wind quality

New Era Winder Module

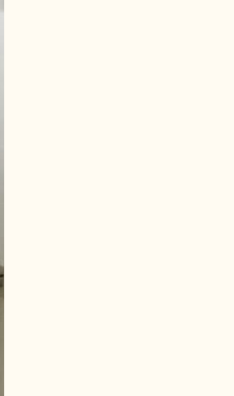


This is the Typical Web Path
For this Winder Module

New Era
Winder Module
(Back Side)



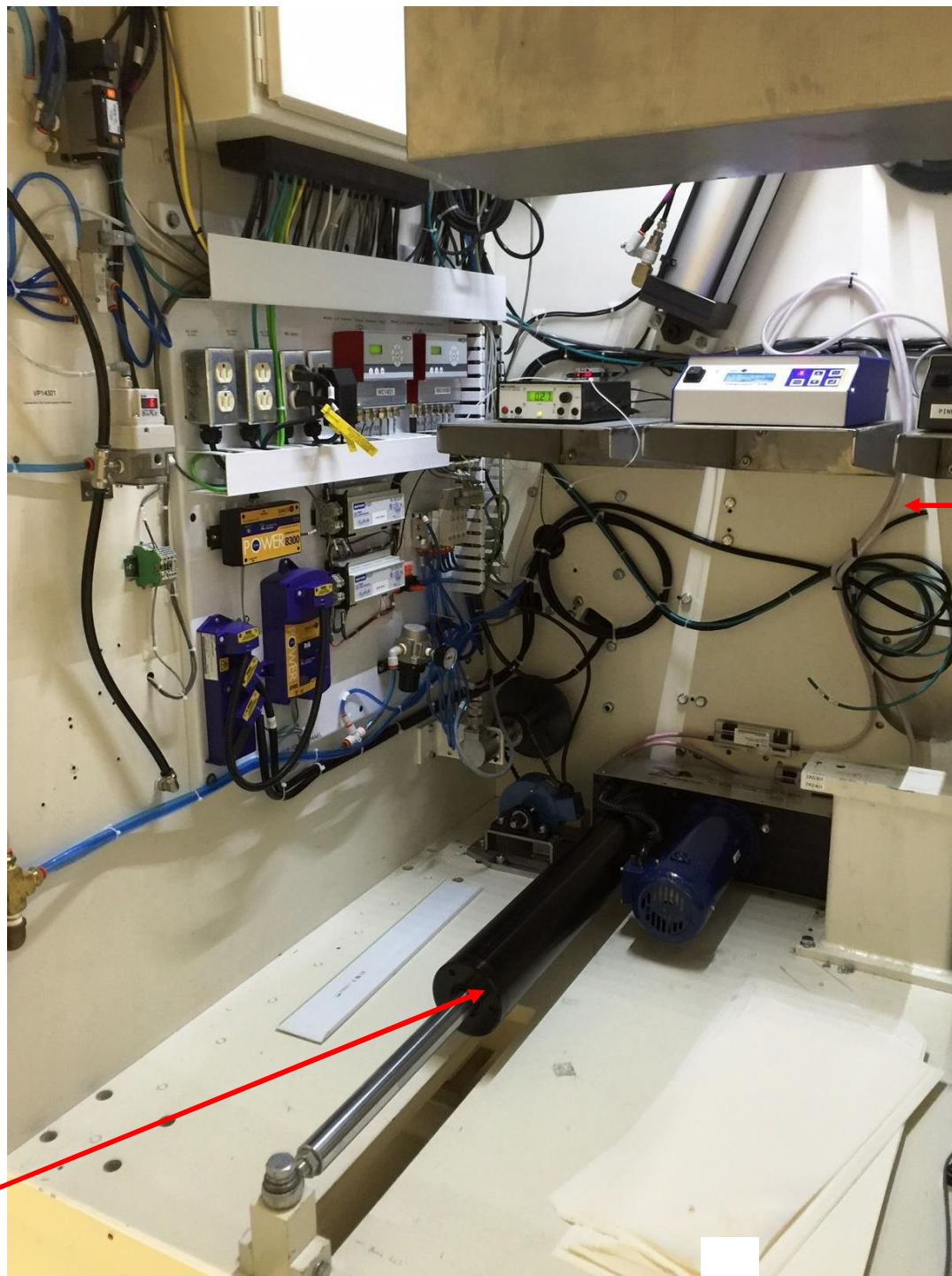
Wind Spindle Shaft



Linear Actuator
For
Edge Detector

AccuWeb Sidelay
Actuator

New Era
Winder Module
(Back Side)



AccuWeb Sidelay
Actuator

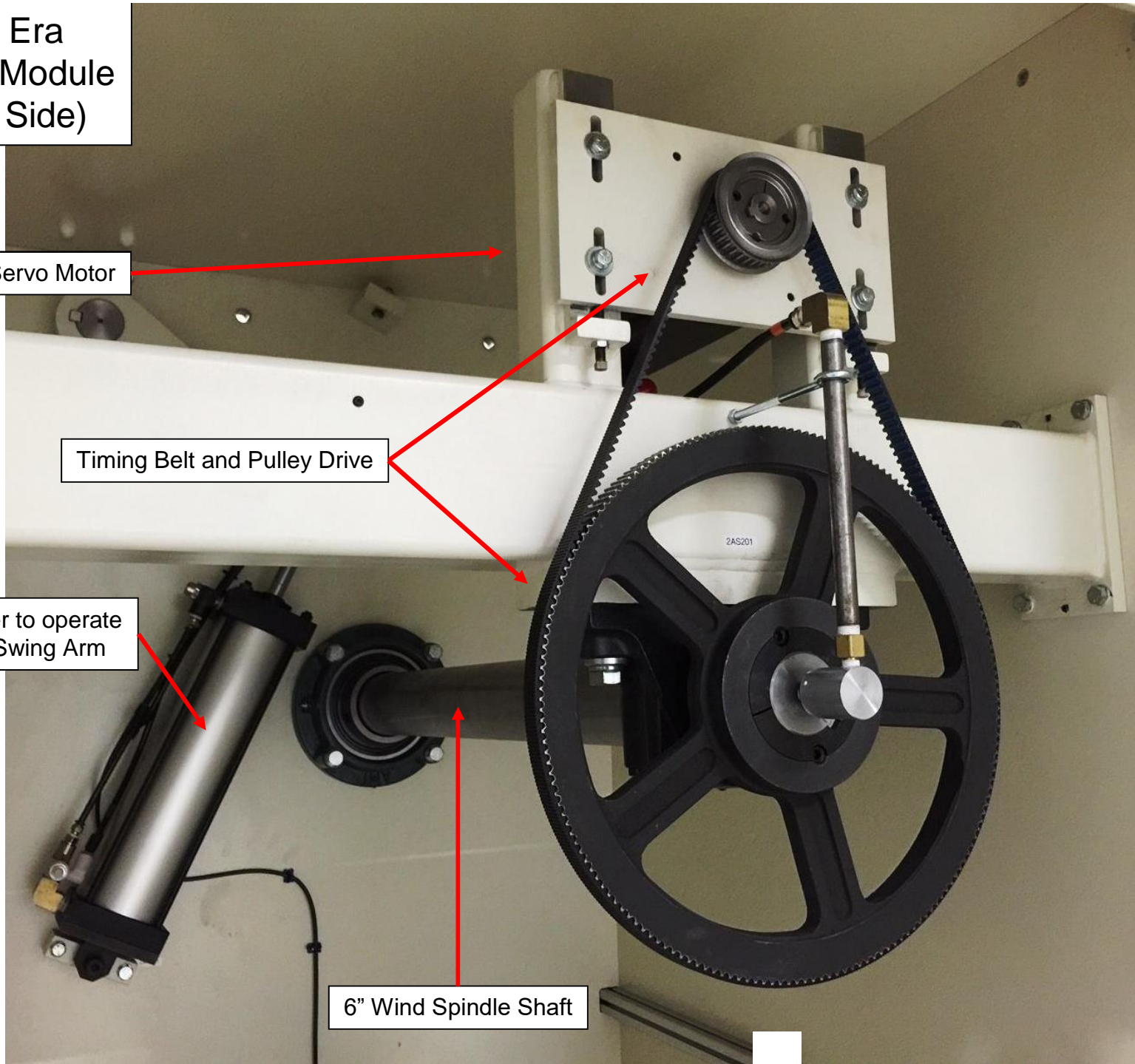
New Era
Winder Module
(Back Side)

Rockwell Servo Motor

Timing Belt and Pulley Drive

Air Cylinder to operate
Spindle Swing Arm

6" Wind Spindle Shaft



Winder Summary

- Winder has a 6” GoldenRod Expanding Chuck for the Main Winder Spindle
 - This spindle is driven by a Rockwell Servo Motor.
 - The Cantilevered Spindle is supported at the far end by a swing arm
- There are two 16” Polished Stainless Steel Idle Rollers.
- The whole unit Sidelayes to insure a good wind quality.
- Approximate weight = 11,000lbs (5,000kg)

Unwinder #1

New Era Unwind Module



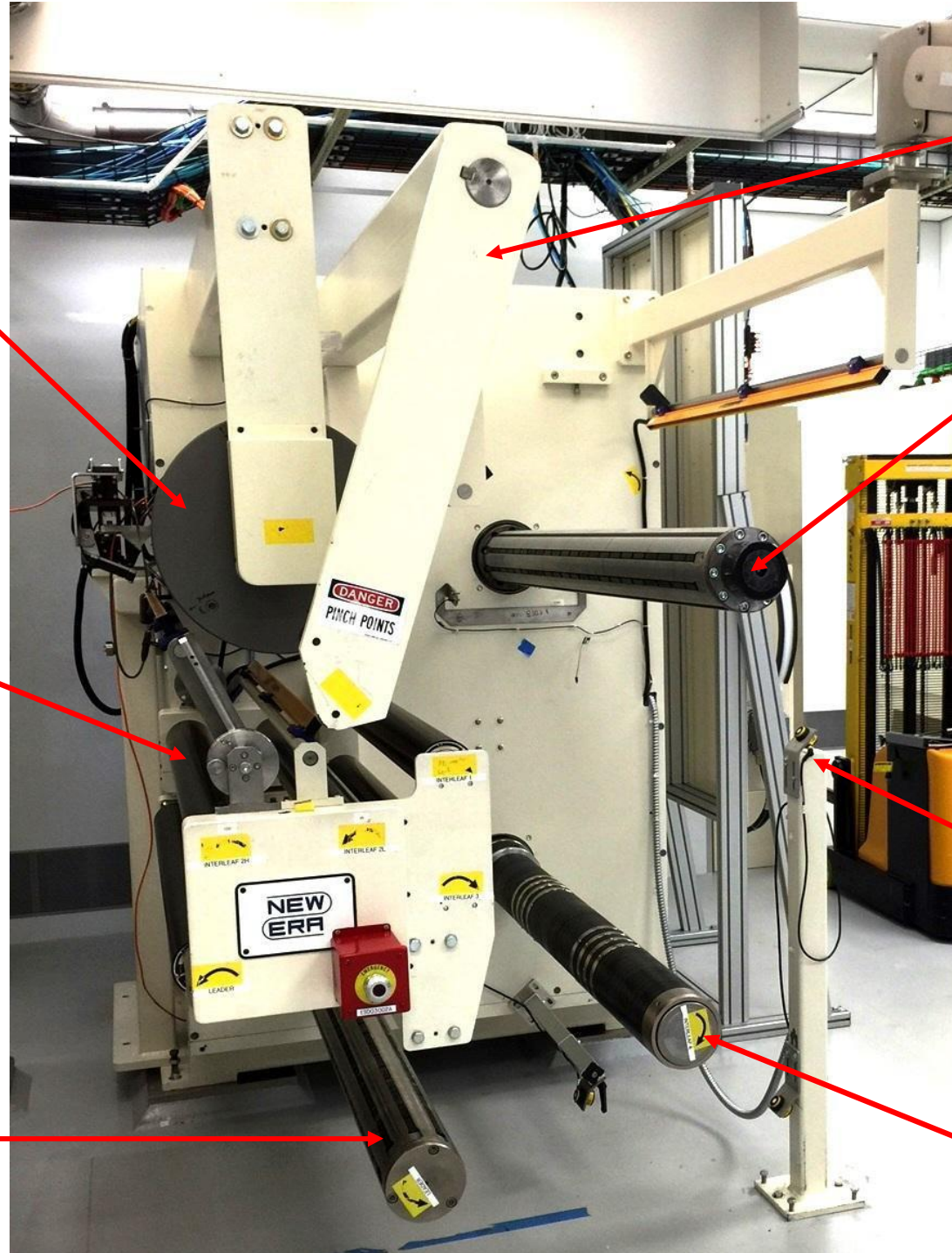
New Era Unwind Module

16" Diameter
Polished Stainless
Drive Roller

3" Diameter
Idle Rollers
For Conveying
A 2nd web

These Rollers
Have 2 sets of
Load Cells to
Maintain Tension

6" Diameter
GoldenRod
Expanding Chuck
UnWinding Spindle



The Unwind Spindle
is Cantilevered.
But, is supported
With a moving
Swing Arm
To support weights
Up 800lbs

6" Diameter
GoldenRod
Expanding Chuck
UnWinding Spindle

Banner Ultrasonic
Diameter Sensor

6" Diameter
GoldenRod
Ball Clutch, Slip Ring
Wind Spindle
Cantilevered

New Era Unwind Module

16" Diameter
Polished Stainless
Drive Roller

3" Diameter
Idle Rollers
For Conveying
A 2nd web

These Rollers
Have 2 sets of
Load Cells to
Maintain Tension

6" Diameter
GoldenRod
Expanding Chuck
UnWinding Spindle

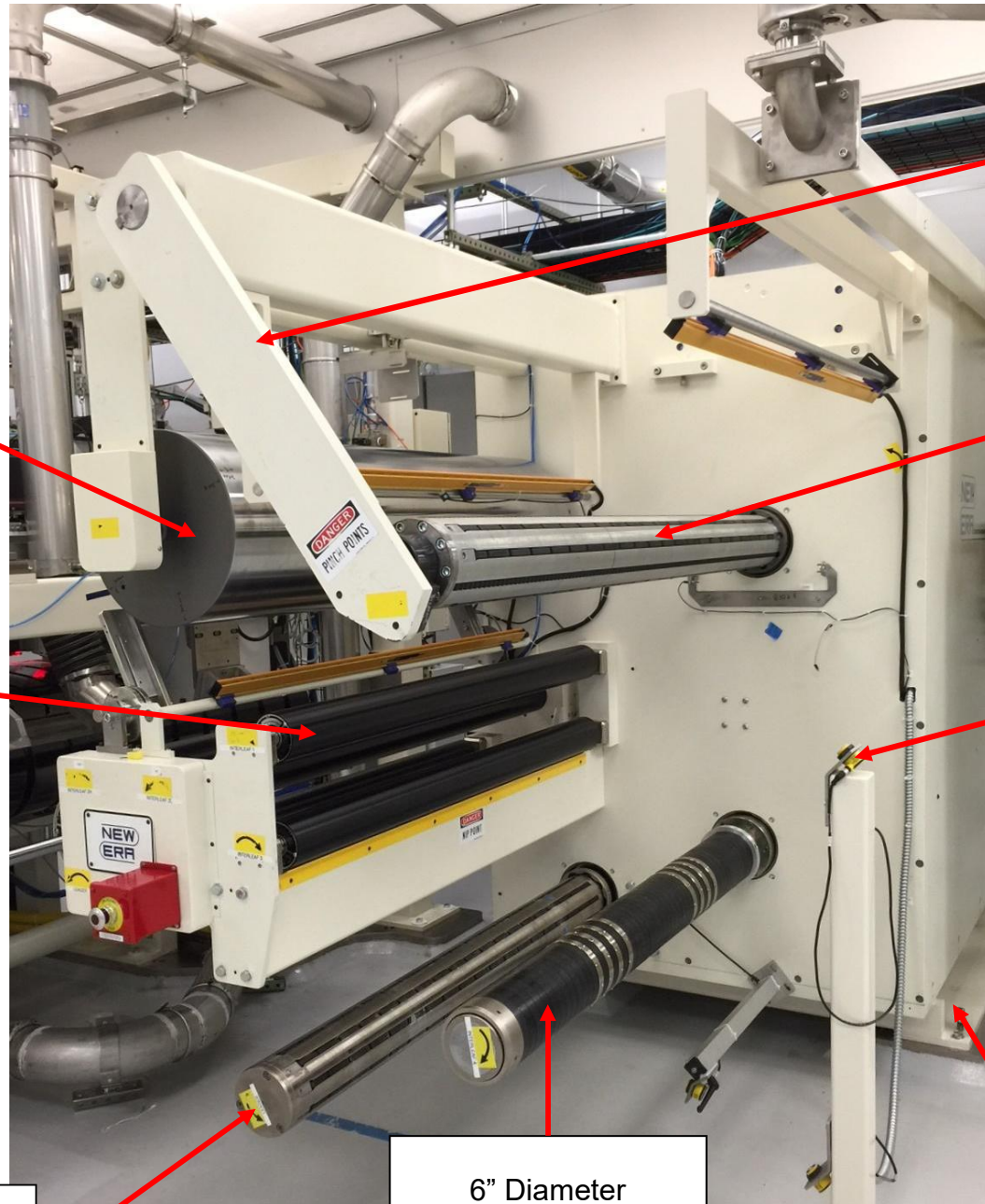
6" Diameter
GoldenRod
Ball Clutch, Slip Ring
Wind Spindle
Cantilevered

The Unwind Spindle
is Cantilevered.
But, is supported
With a moving
Swing Arm
To support weights
Up 800lbs

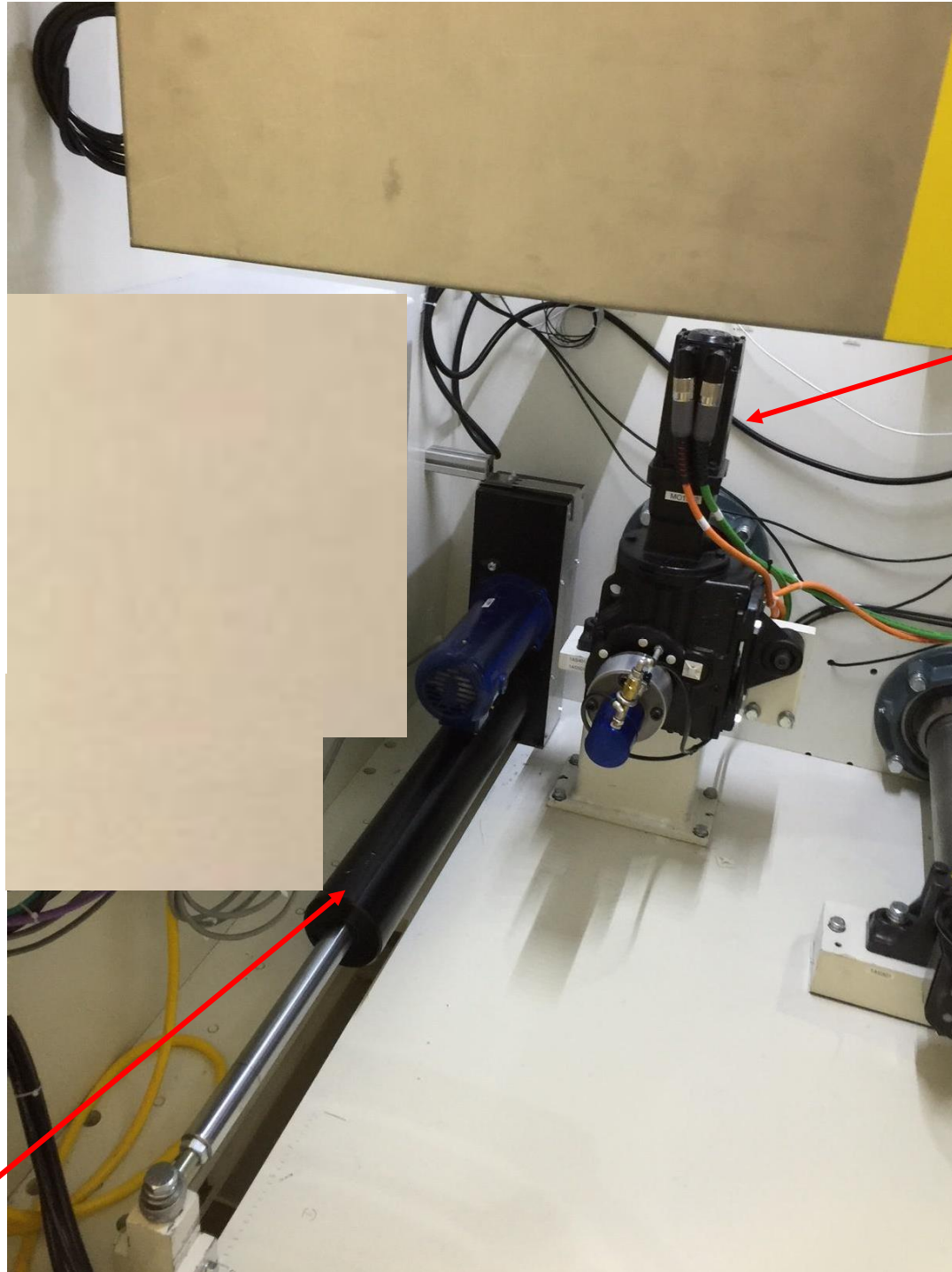
6" Diameter
GoldenRod
Expanding Chuck
UnWinding Spindle

Banner Ultrasonic
Diameter Sensor

This whole Winder is mounted on Slides
Controlled by AccuWeb Sidelay mechanism
To insure wind quality



New Era
Unwind Module
(Back Side)



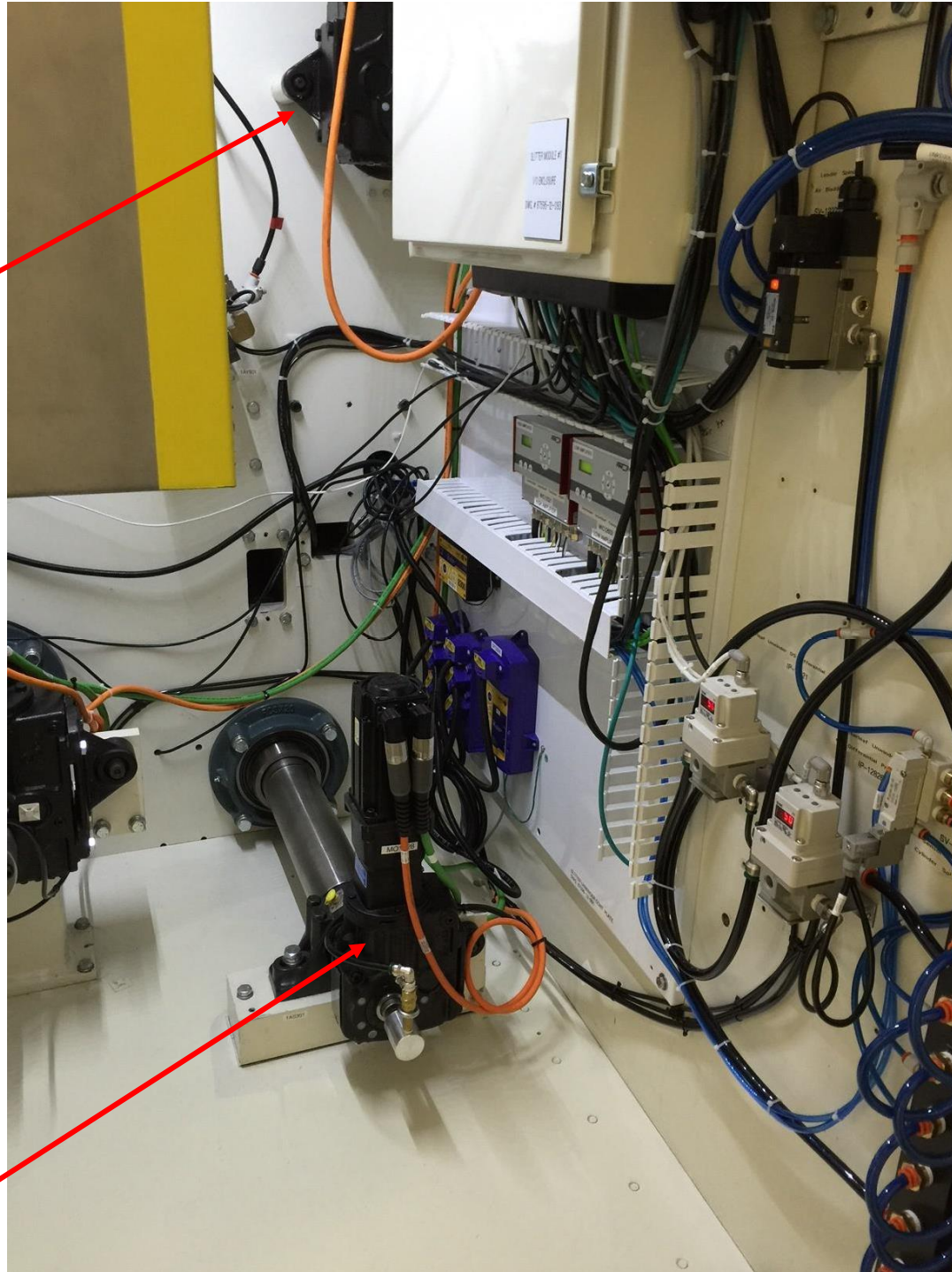
Drive for Ball Clutch Shaft

Drive for Expanding
Chuck Shaft

AccuWeb Sidelay
Actuator

New Era
Unwind Module
(Back Side)

Drive for 16" Polished
Stainless Steel
Roller



Drive for Expanding
Chuck Shaft

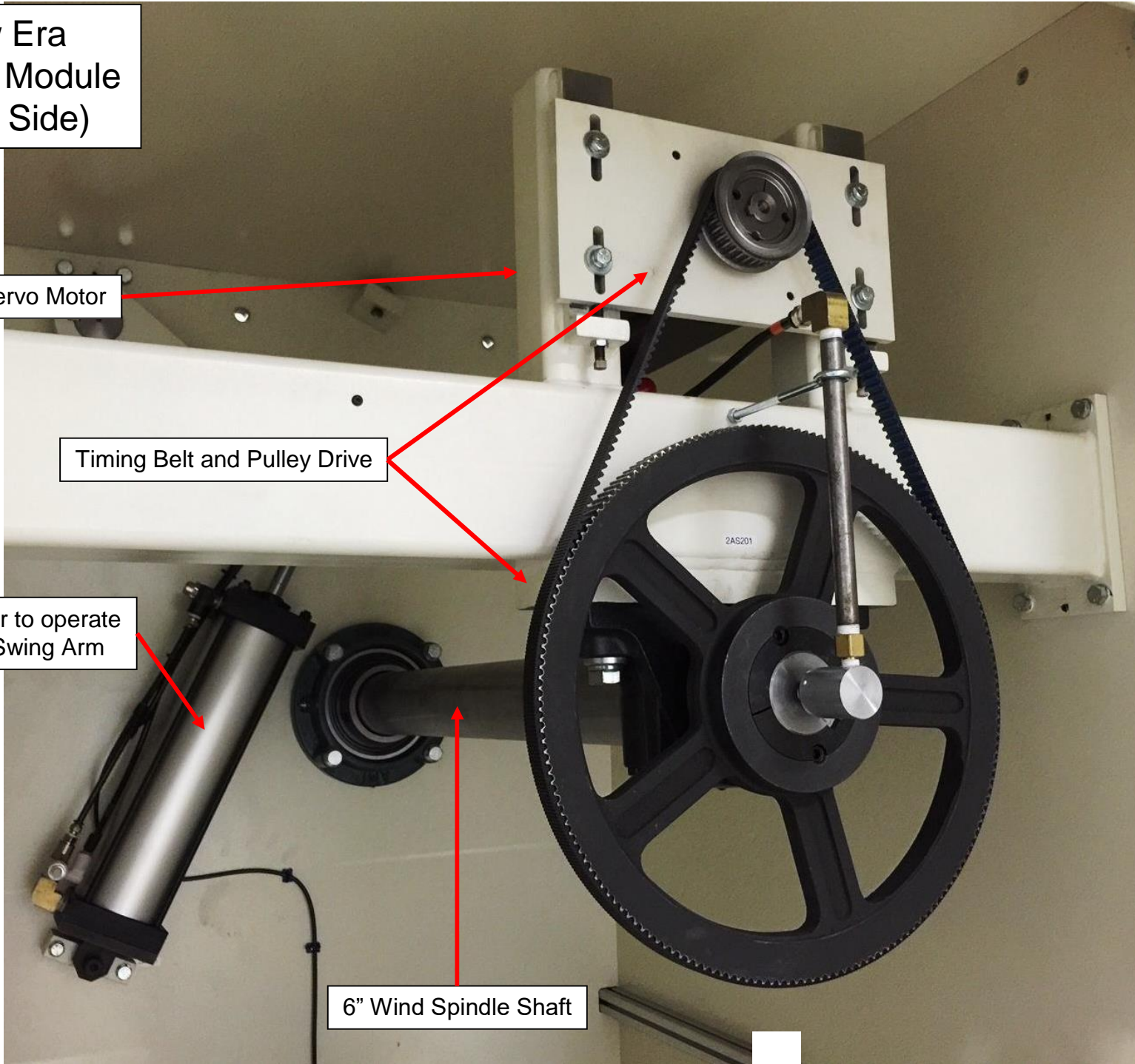
New Era
Unwind Module
(Back Side)

Rockwell Servo Motor

Timing Belt and Pulley Drive

Air Cylinder to operate
Spindle Swing Arm

6" Wind Spindle Shaft



Unwinder Summary

- Unwinder has a 6” GoldenRod Expanding Chuck for the Main Winder Spindle
 - This spindle is driven by a Rockwell Servo Motor.
 - The Cantilevered Spindle is supported at the far end by a swing arm
 - There is a Banner Ultrasonic Sensor to “Real Time” calculate the diameter of the winding roll.
- There is a 16” Polished Stainless Steel Driven Roller.
 - This spindle is driven by a Rockwell Servo Motor.
- The whole unit Sidelay to maintain web stability during unwinding.
- Approximate weight = 11,000lbs (5,000kg)
- There are two additional 6” driven spindles on this unit.
 - These spindles are driven by Rockwell Servo Motors.

Winder #2

New Era
Wind Module

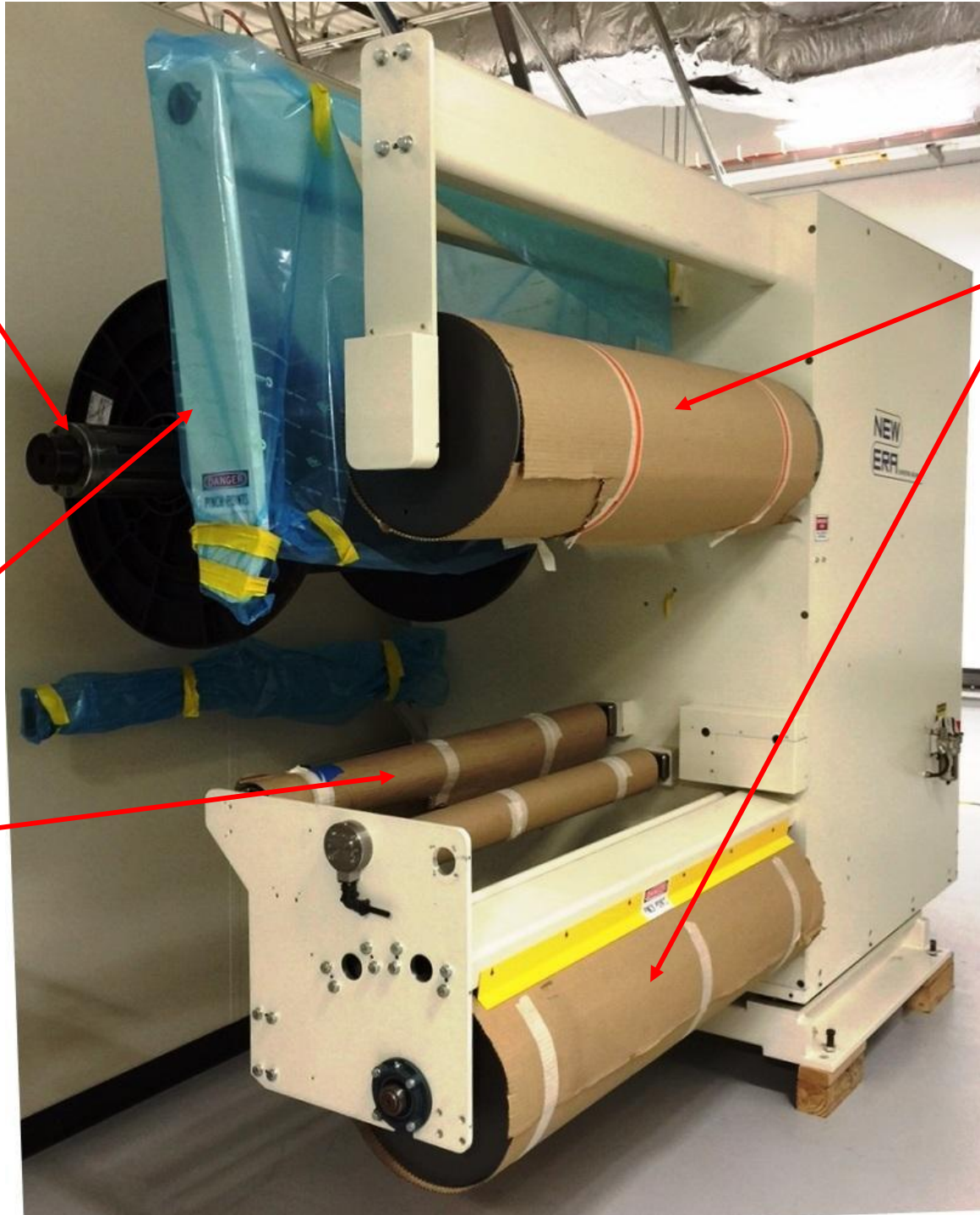


New Era Wind Module

6" Diameter
GoldenRod
Expanding Chuck
Winding Spindle

This Spindle is
Cantilevered.
But, is supported
With a moving
Swing Arm
To support weights
Up 800lbs

3" Diameter
Idle Rollers
For Conveying
A 2nd web



16" Diameter
Polished Stainless
Idle Rollers

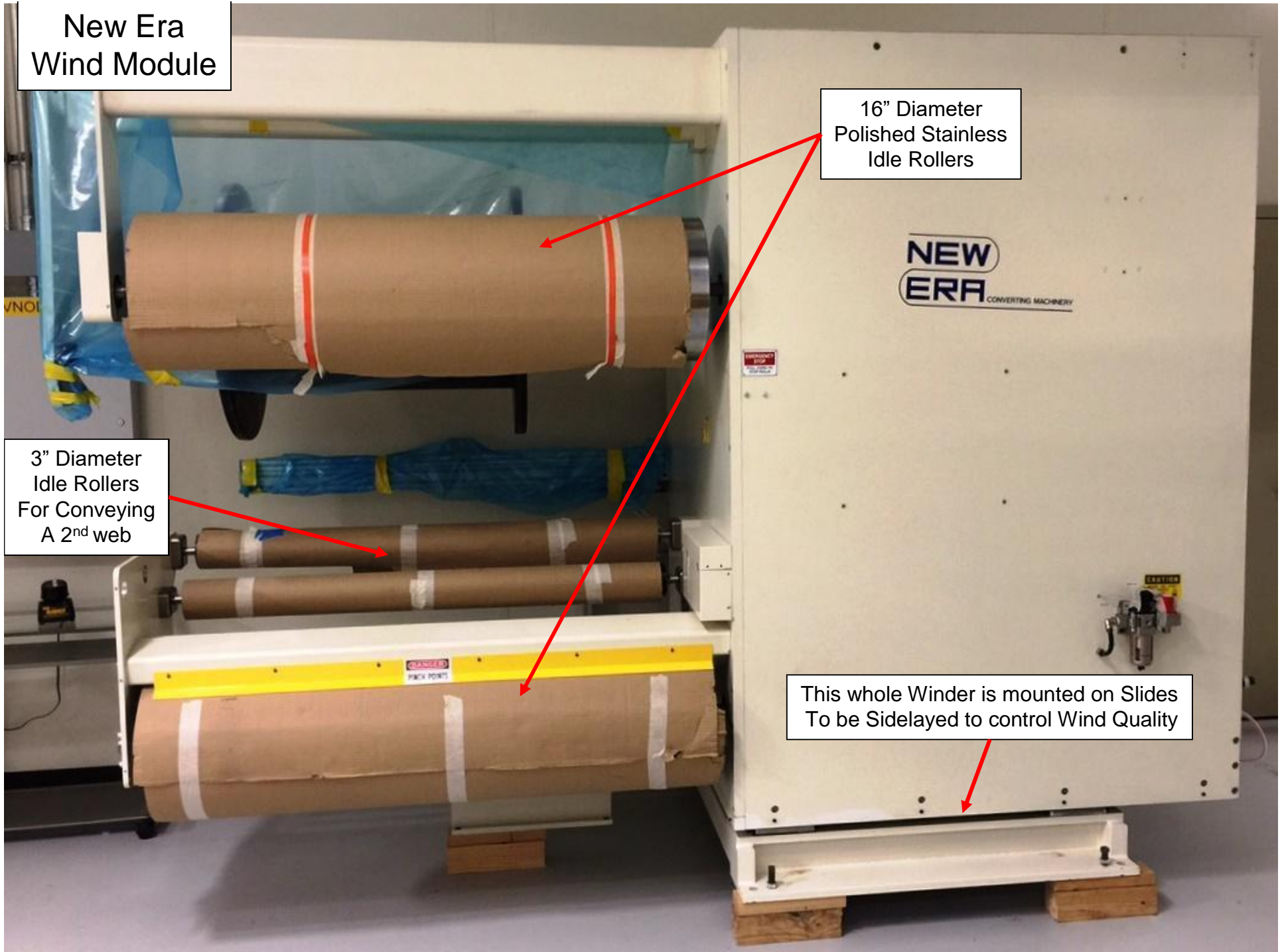
New Era
Wind Module

16" Diameter
Polished Stainless
Idle Rollers

3" Diameter
Idle Rollers
For Conveying
A 2nd web

**NEW
ERA**
CONVERTING MACHINERY

This whole Winder is mounted on Slides
To be Sidelayed to control Wind Quality



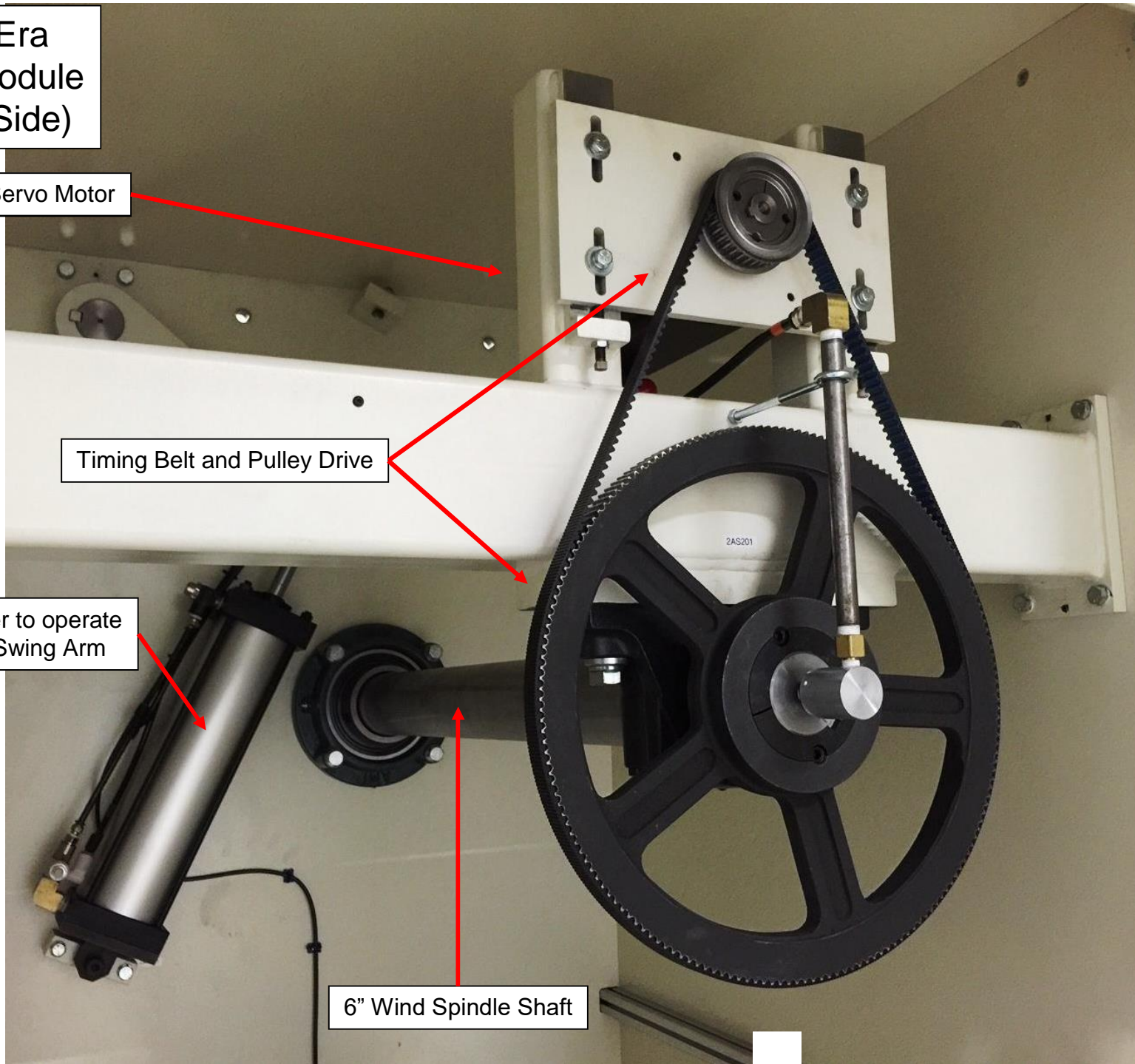
New Era
Wind Module
(Back Side)

Rockwell Servo Motor

Timing Belt and Pulley Drive

Air Cylinder to operate
Spindle Swing Arm

6" Wind Spindle Shaft



Winder Summary

- Winder has a 6” GoldenRod Expanding Chuck for the Main Winder Spindle
 - This spindle is driven by a Rockwell Servo Motor.
 - The Cantilevered Spindle is supported at the far end by a swing arm.
- There are two 16” Polished Stainless Steel Idle Rollers.
- The whole unit Sidelay to insure a good wind quality.
- Approximate weight = 11,000lbs (5,000kg)