

# WANT MORE PRODUCTION?

Only Powell Engineering, Inc.  
offers the Eccentric Pivot™ floor pick-up design



## Model EP shaftless unwinds

*The model EP (Eccentric Pivot™) shaftless unwind minimizes downtime between rolls to give you hours more production daily!*

“We were taking 15 minutes for roll changes. Now, with the Model EP back-stand, we take less than two. With 10 roll changes per day, that adds up to two hours extra production daily.”

*Jim Elersich, Engineer,  
All Seasons Paper,  
Cleveland, OH*

### POWELL ENGINEERING, INC.

*Machine design specialists*

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# EP shaftless unwinds

## ***Benefits:***

- Eliminates shaft-related back injuries
- Quick, safe, one-person roll changes
- Lifts rolls from floor
- Extraordinary reliability
- Simple installation
- Easy operation
- Very low maintenance

## ***Used with:***

- Slitter-rewinds
- Sheeters
- Forming presses
- Laminators
- Printing presses
- Die cutters
- Coaters
- Bag machines
- Corrugators

## ***Features & Options:***

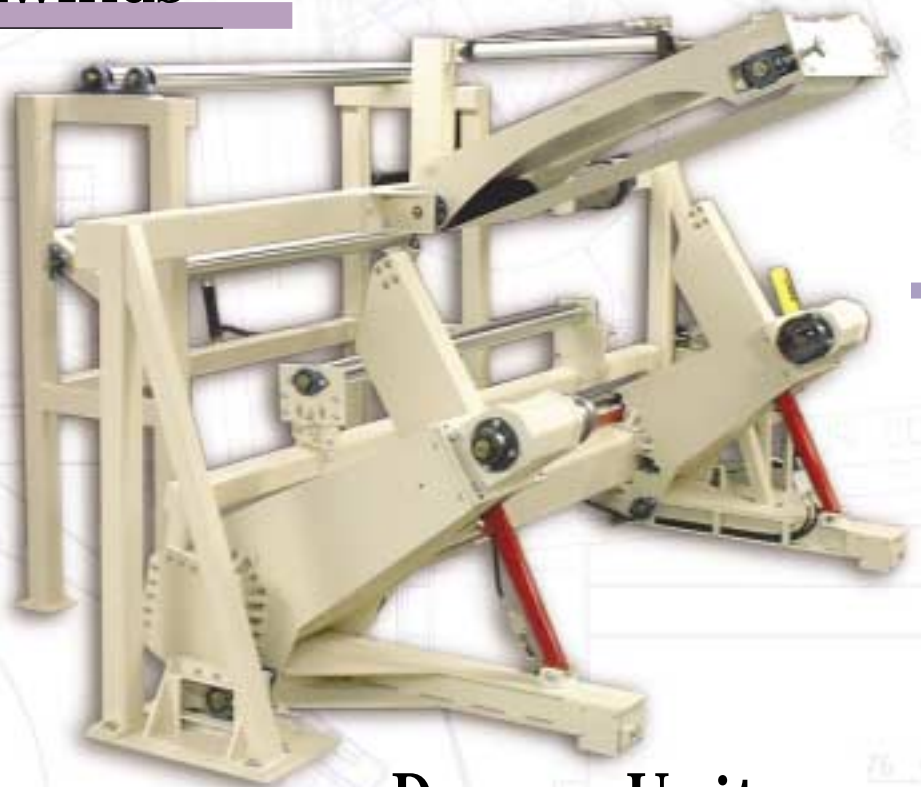
- Exclusive Eccentric Pivot™ design
- Maximum diameters of 60", 72", and 84" (larger diameters for special applications)
- Widths as required (a wide range is possible on every Model EP)
- Manual skew adjustment
- Available with Edge Guiding
- Lifts rolls to 10,000 lbs.
- Operated with hand-held control pendant
- Can hold web in the center or offset (all the way to one side if specified)
- Brakes by Nexen, Montalvo or other manufacturers
- Open or closed loop tension controls available
- Available with PEI Cast Grip™ core chucks, Double E brand chucks or inflatable chucks

# Belt-driven unwinds

*The model GB belt drive used with the model EP (Eccentric Pivot™) unwind is an excellent solution for low-tension applications such as tissue or non-wovens.*

"We purchased the model EP roll-stands with the model GB surface drive units. For this project I wouldn't have it any other way. I'm very pleased."

*George Meyers, Caraustar  
Ashland, OH*



## Dancer Units

*Stand-alone dancer units are available for special applications requiring web dampening, speed control or tension control.*



“The aisle-loading feature helps us with our dual web application, which requires a high number of roll changes. Our operators can now change a roll as quickly at the end of the shift as they can when they first come in. The higher production allows us to give our customers better service.”

*Giorgio Bisutti, Policrom, Inc.  
Bensalem, PA*

## Motorized aisle-loading option

*With the motorized aisle-loading option, multiple webs in a single line are easily handled. The unwinds move laterally to quickly retrieve a waiting roll. A pair of unwinds, one equipped with the aisle-loading option, often makes more sense than a turret unwind.*

## Spindle-driven unwinds

### Hand-held pendant operation

*The electric hand-held pendant allows for even faster, easier one-person roll changes.*



*Spindle-driven unwinds are built to the customer's requirements.*

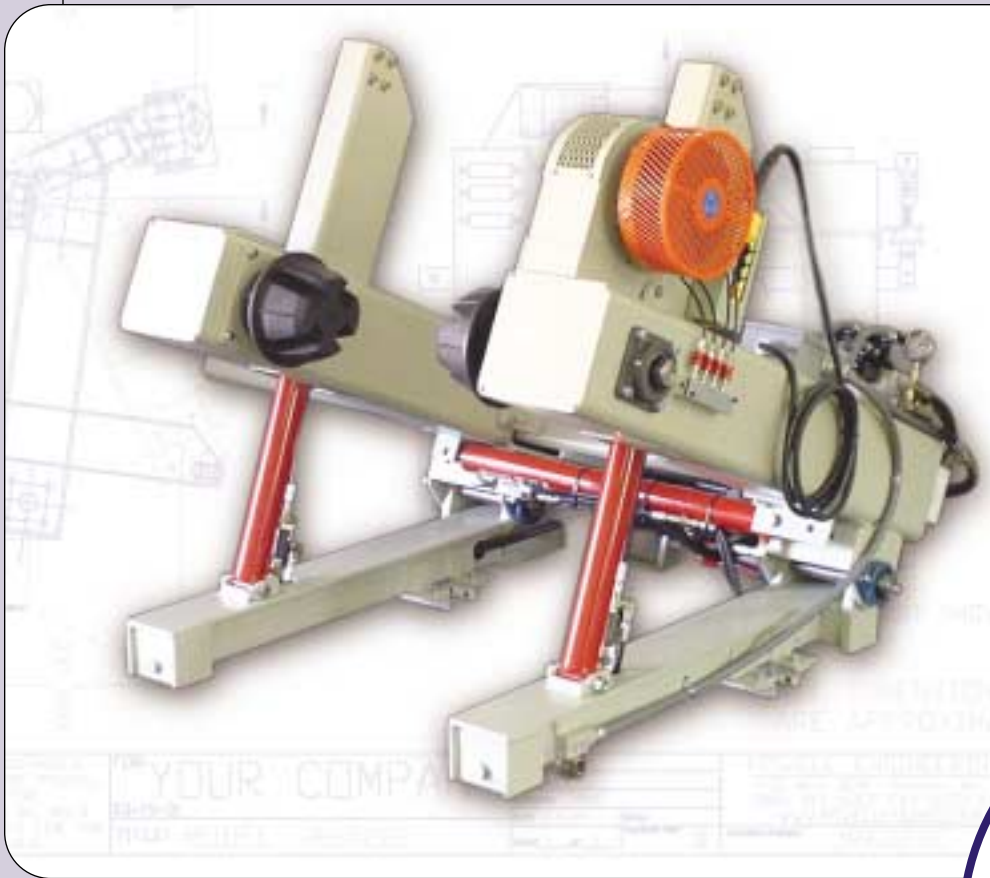


“Our Model EP, with a DC motor spindle drive, gives us more responsive tension control than conventional methods.”

*Paul Yacabitis, Georgia Pacific  
Easton, PA*

# Model EP Junior

*The model EP (Eccentric Pivot™) shaftless unwind minimizes downtime between rolls to give you hours more production daily!*



## ***Benefits:***

- Eliminates shaft-related back injuries
- Quick, safe, one-person roll changes
- Lifts rolls from floor
- Extraordinary reliability
- Simple installation
- Easy operation
- Very low maintenance

## ***Features & Options:***

- Exclusive Eccentric Pivot™ design
- Maximum diameters of 36", 48", 60", and 72"
- Widths to 36"
- Available with Edge Guiding
- Lifts rolls to 3,000 lbs.
- Operated with hand-held control pendant
- Brakes by Nexen, Montalvo or other manufacturers
- Open or closed loop tension controls available
- Available with PEI Cast Grip™ core chucks, Double E brand chucks or inflatable chucks

“We run these machines 24 hours a day, and they have been maintenance-free. We are able to handle a larger variety of roll sizes, and the loading process is much safer than before.”

*Kumar, Multitac,  
Brampton, Ontario*

## Cast-Grip™ Core Chucks

*The Powell Engineering, Inc. Cast-Grip™ core chucks are the best-performing tapered core chucks available. Their bolt-on design makes them easy to change for different core sizes.*

“After switching to Cast-Grip™ core chucks, slipping is no longer a problem and we have experienced no core ‘chewing.’ These chucks handle core variations very well.”

*Ron Thorpe, Esselte Corporation  
Union, MO*

