



Moxie™ Rolls

HIGH DENSITY POLYETHYLENE IDLER ROLLS



Patent Pending Moxie Roll



Factors that Lower Operating Costs

Decrease HP Needs

- Because of the light weight HDPE material and the SpinGuard seal system, Moxie rolls have extremely low roll resistance. This decreases horsepower requirements, lowering your operating costs.

Longer Lasting Bearings

- Moxie rolls feature the SpinGuard seal system which protects the bearings from all contaminants and has no catch points for material build up on the end disc (see the illustration on back page).

Retrofit to Competitors

- Moxie rolls can be retrofit into all major competitor idler frames or brackets to replace steel rolls.

Extended Roll Life

- The high density polyethylene (HDPE) used in Moxie rolls is specially formulated to hold up to harsh abrasion, extending wear life significantly.

Sheds Material Quickly

- The HDPE material in Moxie rolls sheds material much faster than steel, minimizing the risk of material build-up, abrasion to the roll, and belt misalignment.

50% Lighter

- Moxie rolls are up to 50% lighter than steel rolls and much easier to install and replace.

Corrosion Resistant

- The HDPE in Moxie rolls is specially formulated to be resistant to corrosive materials, this extends wear life significantly in those environments.

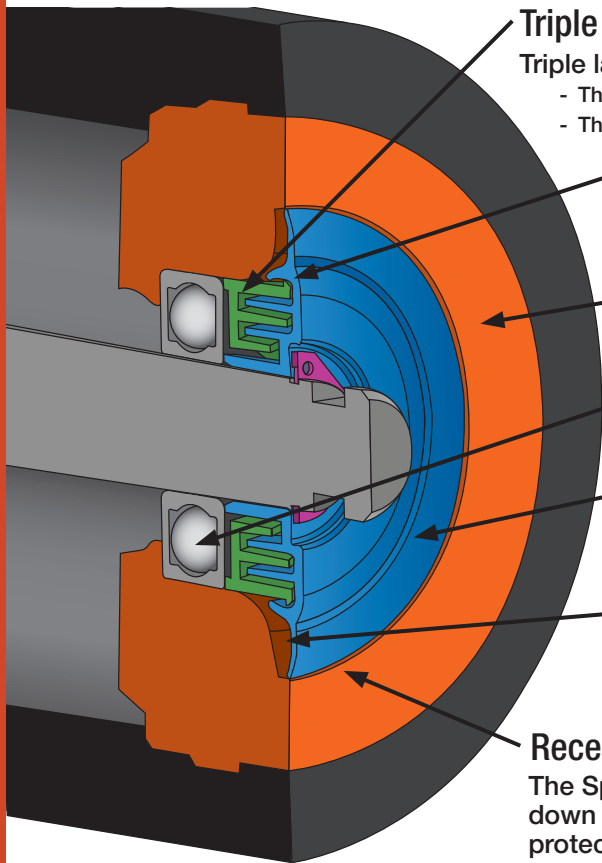
Product Offering

- Moxie rolls are available in both CEMA C and D, a roll diameter of 5", and belt widths of 18"-72".

Pricing Special

- Because Superior wants customers to know how great the new Moxie roll is we are offering them for the same price as our steel rolls for the first six months of 2008. Call today to take advantage!

Moxie™ Roll Cutaway with SpinGuard® Seal System



Triple Labyrinth Seal

Triple labyrinth seal which makes contaminants travel a longer distance

- The labyrinth is also greased filled to keep contaminants away from the ball bearing
- The delrin seal material is durable and is less susceptible to corrosion

Contact Seal

First defense against contaminants is the contact seal which creates less drag than a rubber seal

Flat Surface

Material will not build up across the flat surface

Ball Bearing

Metric ball bearing on all CEMA rated sealed idlers

Stationary External Seal

Stationary external seal helps prevent material pinch points between the frame and the end of the roller

Centrifugal Force Chamber

Centrifugal force will create a self-cleaning flinger effect, helping to prevent water and contamination penetration

Recessed Seal

The SpinGuard seal is recessed down into the end disc to protect from contaminants



Applications for the Moxie Roll

- Where material is sticky
- Where material is abrasive
- Where conditions are corrosive to steel rolls
- Where long wear life and easy installation is needed
- Where noise is a concern

Part Numbers

Part Numbers - Troughing Idler		
CEMA C	CEMA D	BW
C5-35E-18MOX	-	18
C5-35E-24MOX	D5-35E-24MOX	24
C5-35E-30MOX	D5-35E-30MOX	30
C5-35E-36MOX	D5-35E-36MOX	36
C5-35E-42MOX	D5-35E-42MOX	42
C5-35E-48MOX	D5-35E-48MOX	48
C5-35E-54MOX	D5-35E-54MOX	54
C5-35E-60MOX	D5-35E-60MOX	60
-	D5-35E-72MOX	72

Part Numbers - Return Idlers		
CEMA C	CEMA D	BW
C5-RET-18MOX	-	18
C5-RET-24MOX	D5-RET-24MOX	24
C5-RET-30MOX	D5-RET-30MOX	30
C5-RET-36MOX	D5-RET-36MOX	36
C5-RET-42MOX	D5-RET-42MOX	42
C5-RET-48MOX	D5-RET-48MOX	48
C5-RET-54MOX	D5-RET-54MOX	54
C5-RET-60MOX	D5-RET-60MOX	60
-	D5-RET-72MOX	72



To get more information you can visit:
www.superior-ind.com or call 1-800-437-9074



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2 YEAR
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