

Why Choose The DURAroller Over Other Mat Rollers On The Market

The affordable DURAroller mat roller offers tremendous value for your equipment dollars.

The simple familiar rolling design provides high production with tight and straight rolls with little or no coning of the ends of the mats. It can be operated in about any area of the plant.

With a minimum of moving parts and adjustments the DURAroller is easy to maintain and was designed to provide you years of durable and effective service.



Production Rate:

There are 100 mats rolled on every DURAroller that we ship. It takes about 15 minutes to test run a machine. That is the equivalent of 400 mats per hour. The belt speed of the machine is 350 feet per minute. The DURARoller is as fast if not faster than any roller on the market.

Hourly mat production is driven more by material handling to the roller and away from the roller than any factor. We don't boast unattainable hourly production rates. We only say that we can go head to head with any single operator roller on the market.

Mat Retrieval:

The belt speed of the DURAroller allows you to roll a 3X5mat in about 3 seconds or less. We had to reduce the count delay on our earlier models to 2 seconds for a count from 3 seconds as the operators were

Mat Retrieval Cont:

completing the roll in less than 3 seconds. 6 foot mats do not require much more time once the machine is at top speed of 350 fpm.. The roll is completed in seconds and the operator walks away to pick up the next mat to be rolled with the rolled mat in hand to shelve or place in a cart.

What one company would like you to believe is that having the mat remain in the machine until the next mat is started saves a considerable amount of time. The little time saved with the initial mat is required for the retrieval of the last mat so it would be a wash.

If you observe that system operating for any length of time you will see that the held mat is catapulted back to the operator, at a pretty quick speed, across the mat being fed. The operator has to concentrate on getting the mat started and untangled while catching the catapulted mat and holding it with one hand while they finish starting the mat. 3x5 mats are not much of a problem but 6 and 10 foot mats present a pretty challenging operation. The longer mats are usually folded and twisted and need more attention for a proper roll. The process offers minimal increases in production while adding a considerable amount of operator safety risk from my observations.

Foot Pedal Control:

Placing the mat on a moving belt with no operator input has been around since the early 90s. On the surface it seems to make sense but the reality is, then and now, it is difficult to start the roll straight which results in coning of the ends of the mats. It is more prevalent with longer mats which normally comprises 50% or better of most companies volume.



Coning Of the mats created by not starting the lead edge of the mat straight

Foot Pedal Control Cont:

Automating certain processes does not make sense when some operator input is critical. You don't want a tow truck operator to hook the cable to your car and turn on the wench and walk away. Larger heavier items that come to the operator twisted and tangled require some skilled handling if they are to be finished in a proper manner. That skilled handling is enhanced by providing the operator control of the extremely important initial start of the roll.

DURAroller Is Your Best Value Option

Price: The DURAroller is priced considerably less than other mat rolling machines on the market. It is significantly less than imported European mat rollers.

Productivity: The DURAroller is as productive as any mat roller on the market. Easily controlled roll starts and high rolling speeds.

Engineering Simplicity: A simple field proven design is easy to maintain and service. Very few moving parts. Minimal amount of controls. Compact footprint. Minimal amount of utilities connections.

Solid Construction: We recognized many of the weaknesses of the original PDPI designs. We have given a lot of attention to improving the mechanical components that were prone to failure.

Simple Operation: No programs to select. No panels to monitor or manipulate. Simply turn the machine on and begin rolling mats. The lighted rolling bed offers an excellent visual field to square the mat and begin the roll slowly. This provides adequate time for starting a tight roll and to square up the edge for exceptionally straight rolls. Operator training times are minimal.

Replacement Parts: Made in the USA with locally available components. Bearings, drive train and controls are off the shelf.

Accepts Wider and Longer Mats: The DURAroller will accept mats up to 6 foot wide and 15 feet long and longer. The foot pedal provides the operator with the speed control necessary to keep the roll tight and straight with these larger mats.

Exceptional Mobility: The DURAroller requires only a low volume 40psi shop air connection and access to a 120v 15amp power receptacle. This permits placement in a variety of areas in the plant.

The simple rolling design we utilize has been in service for decades. It has proven itself to be very effective and provides excellent results with all types and sizes of mats.

We have made it faster and stronger than ever before which only increases its value in your overall production flow. We don't use smoke and mirrors to sell our machines. We sell quality, efficiency, high productivity, serviceability, simplicity and exceptional value.

Our tagline for the DURARoller is **Solidly Simple**. Our goal is to produce a machine that will be like the rabbit that Just Keeps On Running.

If you have any questions please contact us. That contact information is listed below. You can also find information and videos on our website at www.duraroller.com.

P&E Products

637 W 17th St Connerville, IN 47331

765-825-1323

gary@pandeproducts.com