



## Are You Experiencing Repeat and/or Premature Spindle Failure?

If your Verdol cablers/twisters are equipped with the standard R type spindles (or are the U type converted to R), and you are repairing them in-house, repeat failures may be a problem.

Many plants have developed a tracking system which records the dates and frequencies of R spindle failures. The data produced indicates that a significant number of failures are REPEATS— those that occur within a few hours, or days, of the original repair.

Experience indicates that about 80% of all spindle failures are the result of yarn choke-ups. If the spindle runs with yarn inside, the normal result is destruction of the

clutch pads, and possible damage to the axle and splines. **AT THE SAME TIME, DAMAGE TO OTHER PARTS OF THE SPINDLE MAY OCCUR - - DAMAGE WHICH IS NOT OBVIOUS, NOR VISIBLE, TO THE EYE.** This is the principle reason for repeat failures; damage which only critical examination can detect. Epic's spindle rebuild service is equipped to detect this hidden damage.

The major portion of repeat spindle failures are caused by one or more of four specific parts. We will discuss one in this article. Future newsletters will carry additional information on this subject of repeat failures.

One major area for a potential problem is the spindle housing. The standard R type spindle has been in production for many years. The U type that have been converted to R are even older. Over the years, as a result of normal use and many repairs, housings may have been bent or warped in some manner. If a housing is bent, you will not have concentricity between the upper and lower bearings. As a result they will run in a bind, possibly causing them to vibrate, overheat and fail prematurely.

We have found that many insert sleeves used in the U to R conversion process have been installed incorrectly; set either too high or too low. If this is the case, you will have a total

misalignment of the major parts in the spindle - - again, causing premature failure. Epic has specifically designed procedures to identify and correct this problem. With the proper tooling, approximately 95% of these housings can be corrected and salvaged.

For assistance in eliminating premature or repeat failures, take advantage of our instructional program in Southern Pines.



**EE304900**  
 Spindle Housing  
 Converted  
 U to R

*When your work speaks for itself, don't interrupt.*  
 - Henry Kaiser

### NOW AVAILABLE



**EE380201** Safety Cover,  
 for ICBT Creel Spring  
 94209901

**EE380203** Safety Cover,  
 for Heavy Duty  
 ICBT Creel Spring  
 94208300

**CALL FOR PRICING**

**If you ever have anything specific that you would like to see in our newsletter that we may be missing, please write or fax us.**

**We are always open to your comments and suggestions, as this newsletter is intended to serve you, our customer.**

### TIME FOR A FREE RING INSPECTION...



Call Epic for more details

### IT'S NOT YOUR PROBLEM... IT'S OURS!

We're double checking every order and every product. But, sometimes, something goes wrong, and that's when Epic shines even brighter than usual. Call 1-800-648-7273. The procedure is simple... tell us what's wrong and we'll respond with a fast, satisfactory solution.

### ARE YOU GETTING WHAT YOU PAY FOR? NOT ALL SPINDLE REBUILDS ARE EQUAL

Do you want your Volkmann repaired spindles patched, to run another year or so, or do you want a complete rebuild, with a life expectancy of close to a full life, of 7 to 10 years?

Please look at the overall, long term cost when considering who you want to rebuild your spindles.

For example: VTS-05

Epic gives you a complete rebuild. Yes, we can also rebuild spindles for less money, but your spindle life expectancy would also be less.

**A Cheaply Rebuilt Spindle:** **\$135.00**  
 Spindle lasts: 3 years  
 Your Cost per Year: **\$41.67**

**Spindle Re built by Epic:** **\$173.00**  
 Spindle lasts: 8 years  
 Your Cost per Year: **\$21.63**

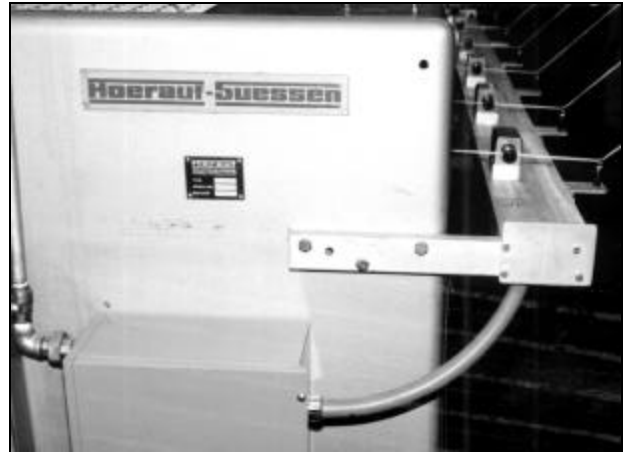


## Reliable Answers for your Suessen Machinery

The complete Epic Cutter System (EE203000) is a real labor saver. It can cut four or more ends at a time. The complete system senses a yarn end break at the feed creel and automatically sends a signal to the cutter to cut out that yarn bundle prior to entering the heatset chamber. On the exit side of the chamber, the mass optical sensor detects a serious bunching of yarn on the masts

that could lead to yarn backing up in the heatset chamber and excessive heat exposure. The sensor sends a signal back to the appropriate cutter to cut out that yarn bundle.

The Epic system has proved to be a very reliable answer to automatic detection and cutting out dye acceptance problems before they get to the dyeing operation.



## Recent Epic Visitors



Epic's agent in Canada, Bob Minnis (standing, left) recently visited, along with his wife Josee (seated, right). Also pictured are Kris Berry (seated, left) and Jim Berry (standing, right), of Epic.

## WE WANT TO MAKE YOUR JOB EASIER

Epic distributed our first catalog on CD in 2003. Our CD includes price lists with part photos and line-art drawings of the assemblies. It was designed to make it easier and faster for customers to identify, locate and procure the parts required....at the best price. Feedback suggests that our CD venture has been successful but we are always looking for ideas for improvement!

In our fast paced world, information and technology is guaranteed to grow and change. Data is "outdated" as soon as it is captured in print;

new parts are added, technical information changes, prices change.

Epic welcomes opportunities to partner with customers in developing custom solutions to assure that you have current "Epic" information on file. Whether this involves sending Excel text spreadsheets to you on a regular basis or emailing you with important changes or additions, we are happy to assist.

Please phone Kris Berry at 1-800-648-7273 or email [epic@epicenterprises.com](mailto:epic@epicenterprises.com).

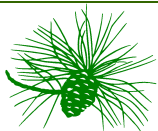
### UPCOMING EVENTS:



**India International Textile Machinery Exhibition**  
Bombay Exhibition Centre: Mumbai India  
December 4 through 11, 2004

*If you view all the things that happen to you— both good and bad— as opportunities, then you operate out of a higher level of consciousness.*

— Les Brown



### Epic Enterprises, Inc.

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