



# TEXTILE TOPICS

TEXTILE RESEARCH CENTER • TEXAS TECH UNIVERSITY • LUBBOCK, TEXAS • USA

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**HARRY E. ARTHUR RETIRES** Harry E. Arthur has retired from Texas Tech University after serving as Associate Director of the Textile Research Center for twenty-six years. In addition to acting as general manager of the Center, his responsibilities included overseeing numerous research programs, coordinating activities within the various departments at TRC, and preparing research proposals and budgets for the many projects conducted here.

Arthur was born in West, Texas, where he attended public school. After high school, he began employ-

ment in the Brazos Valley Cotton Mill. He joined the U.S. Navy (regular) in 1939 and served a 6-year enlistment, being honorably discharged in 1945 as Chief Machinist Mate. During World War II he was assigned to the destroyer USS Plunkett in convoy escort across the North Atlantic. He also served in the Mediterranean and saw active duty in the invasions of Sicily and Italy. Later, he was in the Pacific on the destroyer escort USS Edwin A. Howard, and completed his service with a tour to Japan at the end of the war.

Arthur enrolled at Texas Tech University in June 1946 and graduated in 1949 with a BS degree in Textile Engineering. After graduation he returned to his home town and was employed in a management position with a textile company. In 1952 he joined the Anderson-Clayton organization in Houston and was sent to the company's office in Osaka, Japan where he remained until 1960. His responsibilities there included evaluating cotton quality and marketing U.S. cotton with Japanese textile firms. He began employment with Texas Tech University in 1961. At that time,



textile research here consisted of only a fiber testing and spinning laboratory, which was expanded to the Textile Research Center in 1969.

Harry Arthur will be remembered for his dedicated efforts and significant research contributions to Texas Tech, the State of Texas and the United States textile industry. We wish him a long and enjoyable retirement.

**TEXTILE RESEARCH CENTER MOVING TO NEW LOCATION** In the November 1986 issue of *Textile Topics* we carried a photograph of the future home of the Textile Research Center. The article accompanying that photograph stated that the renovation of the building would be completed by January 1987, but actual completion was a little later than anticipated. However, our new quarters are now ready and the move to that location has begun. The new TRC facility is located at 1001 East Loop 289, approximately seven miles from our present location. Although we will be removed from the main Texas Tech

campus, our offices will be more accessible with plenty of parking for employees and visitors.

The accompanying photographs show the removal of machinery from the present building and the installation in the new facility. Replacement value of our equipment is approximately \$7 million, and it becomes obvious that this move is not a simple matter. It has already been underway for several weeks, and it appears that at least two more months will be required until the transition is completed.

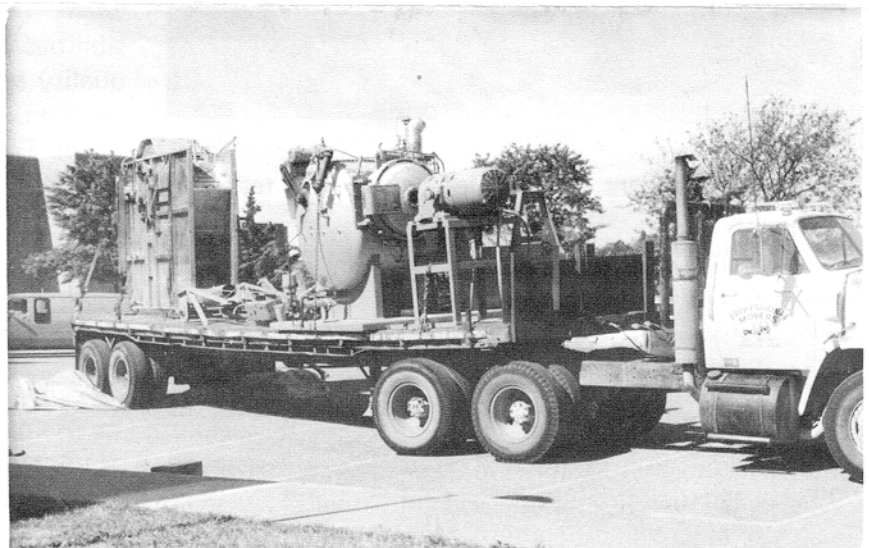
The building we have used for many years has 67,000 square feet. As the new building has 110,000 square feet, we are looking forward to the additional space so we can undertake research that previously has not been possible. Not only will we be expanding our existing programs, we also plan to enter into new areas of research.

We believe it may be of interest to our readers to know that although we are in the middle of this move, some research is still in progress and a limited amount of yarn has been produced at the new location. We hope to have most of our spinning machinery operating again within the next two or three weeks, for we have several projects waiting to be carried out for various segments of industry.

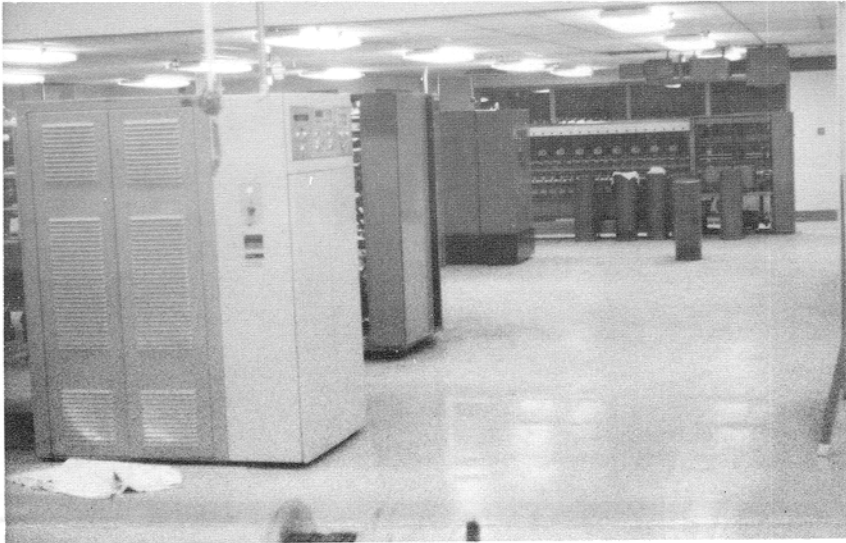
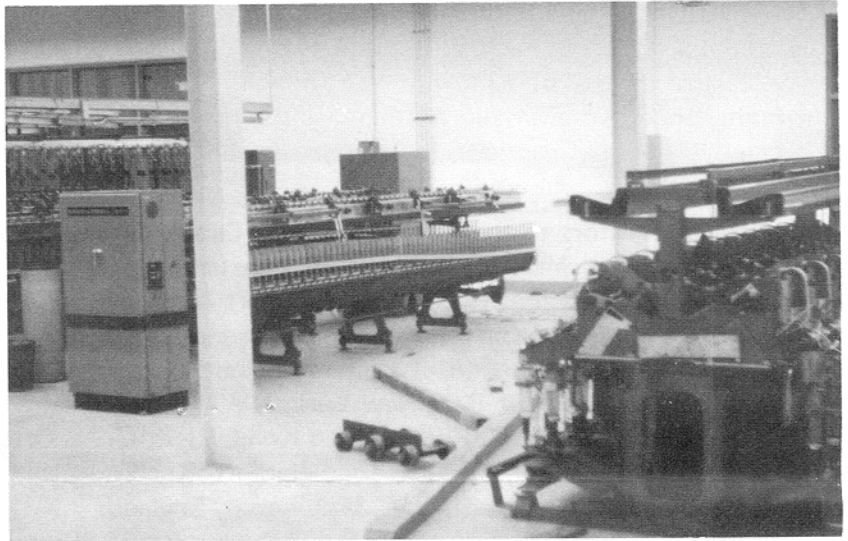


A section of a Leasona Uniconer is loaded onto a truck especially designed for moving heavy equipment. Tom McMillan of the TRC staff assists in positioning the machine for the trip to the new building.

Equipment from TRC's finishing department is loaded and ready to be transported to its new location.



Ring spinning machines and a section of a Leeson Uniconer are shown in the new laboratory. Obviously, much work remains before this department will be operative.



The open-end spinning department has all eight of its rotor machines in place. Some work remains before these are ready for production but it is expected spinning can begin within about two weeks.

**OPEN HOUSE AND TECHNICAL CONFERENCE** After we have completed the move to our new building, we have several events planned that may be of interest to our readers. It will take some time after all machinery has been moved to get it installed and operating properly, and we do not plan anything but a considerable amount of work until early fall.

The first event will be an open house for the public on September 12, 1987. That is a Saturday, and we have chosen it because we want to give as many of our friends as possible an opportunity to see the new facilities. The hours for this occasion will be 9:00 a.m. until 4:00 p.m. This date coincides with a night football game Texas Tech will play in Lubbock, and we invite all those coming to the game to stop by the new Textile Research Center at some time during the day.

The second event will be a technical conference scheduled for November 17-19, 1987. This will include a number of presentations on recent developments in rotor spinning, qualities of cotton that perform well at rotor spinning and some characteristics that impede spinning, measurements of cotton fiber maturity, and the production of yarns and fabrics from blends of cotton and wool. Dedication of the new

Textile Research Center will take place on November 18. In addition to a tour of TRC's laboratories, activities during the conference will include field trips to study cotton harvesting and ginning, and a visit to the USDA Classing Office in Lubbock to observe instrument classing. Details of the entire program and titles of the presentations will be given in a later issue of *Topics*.

We realize the fall of 1987 will be a busy time for fiber and textile executives, but nevertheless we are scheduling these two events in our new facility hoping many can attend. We look forward to the response of our readers to these announcements, particularly to the technical conference to be held in November.

**VISITORS** Visitors to the Textile Research Center during March included Howard Baker, Jack Crooks and Clyde Semmons, Milliken Corporation, Spartanburg, SC; Dan Stokes and John Swart, Rieter Corporation, Spartanburg, SC; Pat Norungolo, Schubert & Salzer Inc., Pendleton, SC; Barbara Shaeffer, Motion Control Inc., Dallas, TX; Gary Holt, KJRH Channel 2, Tulsa, OK; James G. McElroy, Combustion Engineering & Equipment, Houston, TX; John Eckert, The Wool Bureau, Woodbury, NY; and William F. Dudine, Jr., Darby & Darby P.C., New York, NY.

Also visiting were M. C. Kwok, Hong Kong; Emin Molu, Orta Anadolu, Istanbul, Turkey; Mehemet Arasli, Primateks, Istanbul, Turkey; Theo Herbert, Kortrykse Katoenspin, Kortryk, Belgium; and Russell Compton, Shirley Developments Ltd., Manchester, England.

Additionally, 40 students from Texas Tech University's Department of Merchandising, Environmental Design and Consumer Economics toured the Center during the month.