

FAST TECHNOLOGY

FAST Technology is a new and upcoming advancement that was designed to get the most out of every Proto-1 machine. FAST will help the operator monitor each process to help ensure a more consistent/repeatable quality form which results in less downtime. By adding an assortment of technology and sensors, our machines are able to relay running information in real time to the operator. This data is then stored and can be accessed at a different time for part studies, machine diagnostics, etc.

CONTACT US TODAY

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Our Mission:

To supply our customers with innovative ways to combine processes and machinery utilizing high quality, cost efficient equipment, and tooling to meet their production needs; setting the standard in the tube and pipe industry, striving to improve while never losing sight of our customer's demand for quality.

NEW TECHNOLOGY FOR THE TUBE AND PIPE INDUSTRY



F	FORMING
A	APPLICATION
S	STORAGE
T	TECHNOLOGY

NEW TECHNOLOGY FOR THE TUBE AND PIPE INDUSTRY

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BENEFITS

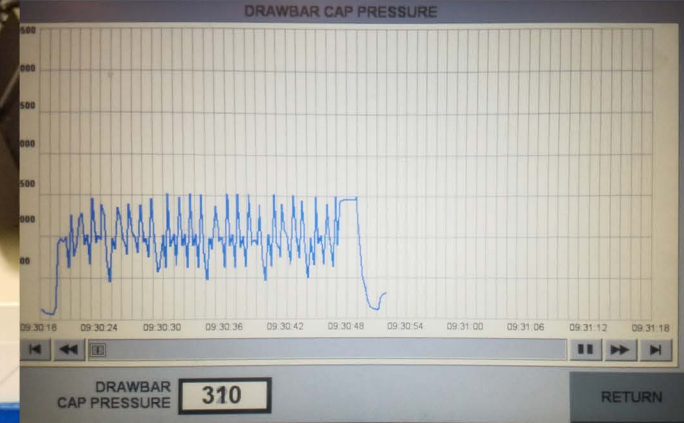
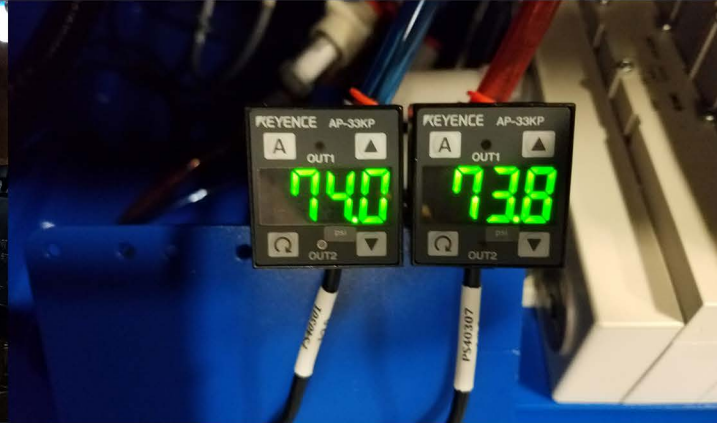
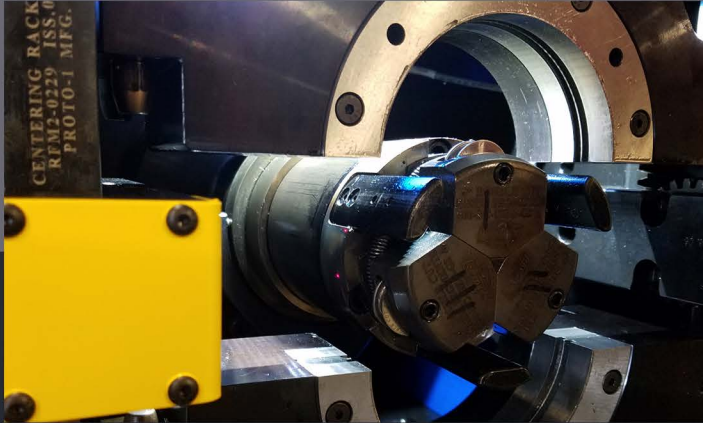
What are the benefits of FAST?

TECHNOLOGY

What has been implemented?

DIAGNOSTICS

What information is tracked and stored?



- Extended Tool Longevity.
- Extended Machine Life
- Increased Quality Monitoring Alerts
- Machine & Part Trends/Studies
- Improved Diagnostics
- Enhanced Machine & Tooling Preventative Maintenance

- Sensors:
 - Proto 1 machines with FAST come equipped with tool temperature sensors, machine temperature sensors, air pressure sensors, hydraulic pressure sensors, fluid temperature sensors, and motor torque sensors.
- Studies & Troubleshooting:
 - Studies can be conducted based on the information recorded during each cycle. Troubleshooting is made easier with live data graphs and stored cycle data.
- Preventative Maintenance
 - FAST measures key characteristics of the machine and tooling to allow for maintenance to be scheduled to maintain uptime and optimal performance.

- Trackable Data:
 - FAST can track motor load, hydraulic temperature and pressure, air pressure, position, load cell, servo position, and RAM position. Live data graphs for motor torque amperage and temperature can also be used.
- Diagnostics:
 - With this additional tracked data, running temperatures and pressures for optimal performance can be established. The operator can then compare and contrast data from different cycles to look for deviations if the resulting form changes.
- Machine & Tool Longevity:
 - FAST will alert the operator if the machine is running outside of its optimal parameters. By keeping the machine inside normal parameters, FAST helps extend machine and tool longevity with added consistency.