



We Enable Innovation

January 11, 2017

ANNOUNCEMENT - FOR IMMEDIATE RELEASE

Bartell's Advancements Lead to Unmatched Productivity and Quality in Tire Component Production.

Through research, innovation and in-depth process knowledge Bartell continues to push the limits of tire manufacturing technologies. At this year's Tire Technology Expo Bartell will be featuring equipment focused on its most advanced component production solutions.

New 7000 Series Bead Winding System – Seven wires leads to 16% increase in productivity

The new 7000 Series bead winding system, available for both PCR and TBR beads, has been designed to now produce seven (7) single wire beads per machine cycle. This capability improvement results in an increase in productivity of at least 16% for beads ranging in size from 12" to 25" in diameter resulting in a production capability of over 33,400 beads per day on a 16", 19 turn bead. The new system can also be supplied with integrated robotic bead handling systems which automate the material handling processes.

Advanced Automatic Truck Apexing System – Shaping the Future of Truck Bead Apexing

This advanced systems brings automation to the bead apexing process and integrates extrusion, apex delivery and application into one compact system. For tire beads ranging in diameter from 17.5" to 24.5" the system loads tire beads into the apex application station, applies the apex to the bead and removes the now apexed bead from the line automatically reducing the need for operator involvement in the apexing process. In addition the splice configuration improves apex uniformity while eliminating the occurrence of bulge.

Beadview™ Inspection System – Industries Only Optical Non-contact Bead Inspection System

Bartell's Beadview™ inspection system is the tire industries first non-contact optical inspection system for the quality inspection of production tire beads and measures bead diameter, height, width and weight. This system provides operators the ability to recall specific bead profiles which the system optically measures the bead under test against to ensure quality production components. With the systems non-contact measurement and capability for data storage Beadview™ provides the most repeatable and accurate measurements available ensuring the highest quality components with less waste due to poor measurements.

Visit our show preview site at <https://bartellmachinery.com/tire-technology-expo-2017/> for more details.

See Bartell at Tire Technology booth 4014.

About Bartell Machinery Systems

Bartell Machinery Systems is a global leader in providing highly-engineered industrial manufacturing equipment for the Tire & Rubber, Oil & Gas, and Wire & Cable industries. Bartell has delivered innovative solutions to leading manufacturers since 1940, with over 8,500 machines installed worldwide. Bartell is headquartered in Rome, NY with sales and service capability around the globe.

Contact

Shawn Lawlor

315-336-7600, Ext 276

slawlor@bartellmachinery.com

www.bartellmachinery.com LLC

6321 Elmer Hill Road | Rome, NY 13440

T: 315.336.7600 | F: 315.336.0947

Rev. 11/6/15

SLS-F-100