

Snap-on Receives MOTOR Top 20 Tool Award for RFV 2000 Diagnostic Wheel Balancing System

Conway, AR, Sept. 12, 2011 – Snap-on Equipment is pleased to announce it has won a prestigious MOTOR Magazine Top 20 Tool Award for its RFV 2000 Diagnostic Wheel Balancer. The RFV 2000 was chosen by MOTOR's technical editors as an innovative product that uses an industry-first method of obtaining the complete profile of the tire and wheel in one spin cycle. It uses patented optical imaging to predict if tire and wheel harmonics will interact with suspension harmonics to create vehicle vibrations. This all new measuring process provides error-proofing for the ride control service.



The RFV 2000 incorporates "stripe-of-light" technology that provides advanced measuring processes that eliminate the need for mechanical measuring devices used in other wheel balancing systems. The automatic measurement of Radial, Lateral tire and wheel runout, calculation of first harmonic, and separation of wheel and/or tire contribution to assembly runout in a single spin cycle. This feature determines if match mounting is worthwhile, and provides reference points and instruction for best match all in a single step.

With 3-dimensional data obtained from optical cameras, the RFV 2000 provides a three dimensional scaled color display of Tread/Sidewall/Wheel, along with a graphical representation of data to allow pinpoint location of localized runout.

The RFV 2000 also laser maps the tread area, sidewall and wheel, providing a three dimensional model of the tire and wheel assembly. A color rendering can be printed and presented for the customer showing areas of fast wear. This feature can be utilized to document the need for alignment, wheel damage, or to predict when tire replacement will be required.

To find out more about the John Bean RFV 2000, call 1 501-450-1500.

Based in Conway, Arkansas, Snap-on Equipment is one of the world's leading sources of automotive service equipment. Snap-on Equipment is a division of Snap-on Incorporated, a leading global innovator, manufacturer and marketer of tool, diagnostic and equipment solutions for professional tool users. Products are sold through its franchised dealer van, company-direct sales and distributor channels, as well as over the Internet. Founded in 1920, Snap-on is a \$2.6 billion, S&P 500 company headquartered in Kenosha, Wisconsin, and employs approximately 11,500 people worldwide.