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#### **Welcome to Snap-on Equipment World**

Welcome to Snap-on Equipment World, a periodic collection of news, events and achievements of Snap-on Equipment as we continue our never ending quest of providing the world's most sought after automotive service productivity tools. Our brands, John Bean in wheel service and Blackhawk in collision repair, set the standard for enhancing the productivity and profitability of garages around the world. As you may or may not know,



Snap-on Equipment is a division of Snap-on Incorporated, a \$2.5 Billion business with over 12,000 associates and products found in 152 countries. Snap-on Equipment is also the largest automotive service equipment company in the world, being the worldwide leader in equipment innovation on Alignment, Service and Alignment Lifts, Wheel Balancers, Tire Changers, and Inspection Lanes. We are the only company in the world that designs and manufactures all of these products - so when you buy from us, you are adding a heritage of innovation and dedication to your shop's success. Additionally, in North America we also have the largest employee service team in the industry.

Our history of innovation in automotive service spans nearly 100 years. From 1925 when John Bean invented the first wheel alignment system to diagnose alignment problems on early fire engines, to our invention in 1996 of camera based Imaging Alignment. From the 1934 introduction of the world's first dynamic wheel balancer, to our introduction of the BFH 800 - the only fully automatic, touchless wheel balancer available. As we launch other new exciting products, we'll continue to keep you informed of how these automotive service tools can help you be more profitable. As

always, if you've got any questions, please call us at 1.877.482.4866 or see our website - <a href="https://www.snaponequipment.com">www.snaponequipment.com</a>. There you can learn more about our products and get in touch with a local representative. 2006 was a fantastic year, and we look forward to serving you in 2007....



/////// Snap-on Equipment History

## Snap-on Equipment History - 1996: John Bean Company Introduces the World's First Imaging Alignment System

On the heels of decades of successful innovation in conventional alignment systems, Snap-on Equipment invented the technology that would become the World's First Imaging Alignment System. Following a public showing at the Paris Auto Show in 1996, the product was introduced shortly thereafter as the Visualiner 3D. As stated in the introductory brochure, "A New Dimension in Alignment Technology. The Visualiner uses 3-D modeling to determine wheel position in 3-dimensional space. This means that no gravity gauges are required and the rack doesn't need to be level."



Continuous technological innovation since then has led to many productivity improvements, now allowing for a technician to get alignment readings in under 2 minutes. Roll back / Roll forward, the Arago Self-calibration Imaging Aligner and now ShortBay alignment maintains the John Bean Imaging Alignment system as the industry leader in Wheel Service Productivity.

BFH 800 Balancer Enables Faster Balances, Less Errors, More Profits

The John Bean BFH 800 is the industry's only fully automatic wheel balancer. Mount the tire and rim assembly on the shaft, lock in place with the patented PowerClamp and close the hood. No measurements of any kind are required. The BFH 800 even counts the spokes and determines the optimal weight type and placement. This leads to unprecedented increase in wheel service shop productivity - your balancing is completed faster than any other balancer available.

If you are balancing 4 tires for a vehicle, the Data Freeze function allows for the assumption that the rim and tire are the same size as the previously balanced assembly. This allows for reducing the balancing time to under 10 seconds. Spokes are still counted, weights placed, balance done.

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This balancer was first shown to rave reviews at Automechanika last fall, and introduced to the North American Market at the NADA Convention in February.



#### **Snap-on Equipment Announces New Web Presence**



Snap-on Equipment is proud to announce the launch of a new web presence. This site, with industry leading functionality, is designed to better inform customers of the many productivity enhancing products from the world's largest garage equipment company. One-click service information and decision assist product information are just a few features found on the site. We can be found at <a href="http://www.snaponequipment.com/">http://www.snaponequipment.com/</a>.

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### John Bean 14K Alignment Scissor Lift Capable of Performing Alignment on Extended Wheelbase Vehicles Without Jacking

The John Bean 14K Scissor Alignment Lift is the ONLY Scissor Lift in its class able to handle the fastest alignment procedures, including rollback. Having the longest decks available on an Alignment Scissor Lift allow for even the longest wheelbase vehicles to be aligned quickly with John Bean's roll back and roll forward alignment procedures. Coupled with John Bean's ShortBay Alignment System - the shortest mounting depth imaging system available, means that you can perform the fastest alignment procedures AND fit in a 24' service bay - only with the John Bean Alignment System and 14K Alignment Scissor Lift.



///////// Automechanika

### Snap-on Equipment's John Bean Leads The Way With Productivity Tools at Automechanika Argentina

The John Car Equipment company, Argentina's largest garage equipment supplier, continued their market leadership position in Latin America with their biggest display yet at the latest Automechanika event in Buenos Aires, Argentina. John Car exclusively carries the John Bean Aligners, Balancers and Tire Changers.



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They have used intense concentration on the productivity of their customer's repair facilities to become the largest equipment supplier in Argentina. In this picture a John Bean Aligner is seen in a garage in Buenos Aires.



John Bean

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//////////// Alignment

# Direct Caster Measurement Ensures Most Accurate Alignment Results

When a dimension is critical, do you calculate what you think it might be, or do you actually measure it? Only the John Bean V3D and Arago Imaging Alignment products actually measure the Caster during the alignment procedure. This allows for the most accurate results, which means a faster alignment job and happier

customers in your shop. Other alignment systems merely calculate what they think the caster might be during the alignment process. This calculation must then be rechecked several times during the vehicle's alignment including extra steps like the "Forced Caster Re-measurement". The John Bean technology differs by modeling the vehicle in 3 Dimensional space, determining where the spindles of each of the vehicle's axles are. As a result, live adjustments can be performed. Only John Bean has 3 Dimensional modeling. Better technology, better results - just another reason why John Bean Alignment systems are the productivity leader in the Alignment Shop.

