

New Holland Award-Winning Innovations Receive ASABE 2019 AE50 Awards

NEW HOLLAND, PA (December 17, 2018) - The American Society of Agricultural and Biological Engineers (ASABE) has named the New Holland IntelliSense™ combine setting system and the Intelligent Trailer Brake System as recipients of 2019 AE50 Awards. The award, sponsored by ASABE's *Resource* magazine, recognises the year's most innovative designs in engineering products or systems for the food and agriculture industries. It is the latest recognition received by the two New Holland ground-breaking features, which have received awards across the world for the benefits they bring to farmers.



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- The **IntelliSense™ pro-active and automatic combine setting system**, available on New Holland's CR Revelation combine, takes automation to a new level to address the challenge of maintaining maximum throughput while keeping losses and damaged grain to a minimum. It enables the combine to react every 20 seconds selecting the best action out of 280 million possibilities, relying on cutting edge technology that includes the first ever cleaning shoe load sensor coupled with the next generation Grain Cam™ and electrically adjustable rotor vanes. An industry first, this ground breaking feature delivers significant advantages to the customers' productivity: increased daily output, reduced grain loss and improved grain quality. It also introduces important benefits for the operator: fewer decisions to take, better comfort and driver confidence, less fatigue and a simple user interface.
- The **Intelligent Trailer Braking System** is an innovative feature that automatically controls the pneumatic trailer brakes. Developed for New Holland's T7 AutoCommand and T6 AutoCommand tractors, the system delivers stability under braking with a trailer, particularly on low friction surfaces, resulting in greater safety by reducing the risk of a jack-knife. It ensures the deceleration rate of the tractor and its trailer are aligned when the tractor's speed is reduced using its Continuously Variable Transmission alone. This is achieved by sensing the deceleration rate of the tractor and then automatically applying the pneumatic trailer brakes, modulating their action to ensure that the trailer decelerates at the same speed. The controlled and harmonised braking force delivered by the Intelligent Trailer Braking System also means that the stopping distance of tractor and trailer is virtually the same as that of the tractor alone when decelerating.

Companies from around the world submit entries to ASABE's annual AE50 competition and up to 50 of the best products are chosen by a panel of international engineering experts. The judges select innovative products that will best advance engineering for the food and agriculture industries.

The two New Holland winners will be featured in the January/February 2019 special issue of ASABE's magazine *Resource: Engineering & Technology for a Sustainable World*, a magazine geared to agricultural, biological and food system engineers worldwide, produced by ASABE. Read more at www.asabe.org/Resource.



ASABE is an international scientific and educational organization dedicated to the advancement of engineering applicable to agricultural, food, and biological systems. For more information on ASABE visit www.asabe.org/.

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