

August 27, 2013

Challenger Launches MT800E Series Track Tractors

Decatur, Ill., (Aug. 27, 2013) — [Challenger®](#), a worldwide brand of [AGCO](#) (NYSE: AGCO), is helping farmers take on the toughest conditions with the Challenger MT800E Series track tractors, introduced first in North America. Available in four models ranging from 450 to 590 engine HP, these rugged and reliable machines pair efficient new AGCO POWER™ 168, 16.8L diesel engines with efficiency-boosting features for unmatched power and productivity.

"The new AGCO POWER 168 diesel engine sets the MT800E Series tractors apart from the competition," says Conor Bergin, product marketing manager, High Horsepower Tractors. "Unlike competitive models that modify over-the-road engines for agricultural equipment, these engines are custom-built to handle the most rigorous field applications."

Bergin also points to the Series' patented Challenger Mobil-trac™ undercarriage system, high-flow hydraulics and industry-exclusive Pinnacle View cab as key features of the MT800E Series that will help growers achieve longer, more productive days in the field. The tractors' massive 16,000-pound-lift-capacity three-point hitch, heavy-duty drawbar and PTO make light work of the largest seeding, tillage and grain cart applications.

Big power, efficient design

All four models in the MT800E Series feature new AGCO POWER 168 diesel engines that offer the convenience of easy access to routine service points and the benefit of field-tested reliability from the AGCO POWER family. The productivity-boosting, yet compact design of the 16.8L engine with two-stage turbochargers hits the power sweet spot. By generating a greater torque rise over a wider RPM range, you get unmatched lugging ability for maximum productivity — no need to downshift or pull the implement out of the ground. The engine design also means Tier 4 Final emissions control is achieved without need for a heat-generating diesel particulate filter. The engine transfers power directly to the smooth and reliable CAT® powershift transmission, which routes the power directly to the final drive without a drop box for fewer parasitic losses with top fuel economy and performance.

"AGCO POWER engines offer massive pulling power with minimal exertion," says Bergin. "This outstanding lugging ability helps operators accomplish more with less fuel."

Superior ground contact, less compaction

The MT800E Series features the industry-exclusive Challenger Mobil-trac system. The patented undercarriage design with oscillating mid-wheels delivers a smooth ride and a level of belt contact that puts optimum power to the ground. The simple and efficient design reduces fuel consumption, improves operator comfort, and leaves a lighter footprint in the field for less compaction.

"The Mobil-trac system helps offset field compaction that can result in yield and profit losses," explains Bergin. "At the same time, it offers the smoothest ride in the industry, allowing longer, more-productive workdays."

Key features that set the MT800E Series tractors apart from the competition include oscillating mid wheels that allow operators to work in adverse conditions; a self-contained in-line track system that can be adapted to multiple applications; a friction drive system that eliminates the need for additional horsepower while reducing slippage; and Marsh Mellow™ springs that reduce vibration for a smoother ride. With the widest array of track offerings in the industry, Challenger provides a track solution for any type of application.

Big comfort, longer workdays

The Pinnacle View cab places the operator in the optimum position for comfort and productivity. Unmatched 360-degree visibility allows clear sight lines to the tracks, drawbar and implements, reducing operator strain and promoting longer, more productive workdays. Intuitive controls, multiple seating options and a powerful lighting package create the perfect work environment.

Four models include the MT875E (590 HP), MT865E (540 HP), MT855E (490 HP) and the MT845E (450 HP).

All Challenger track tractors, including the new MT800E Series, are built with pride by the experienced manufacturing team in Jackson, Minn. In addition, these tractors are supported by a dealer network that provides unparalleled support and parts availability to minimize downtime.

The Challenger MT800E Series track tractors are being introduced first in North America. They are now on display at the Farm Progress Show in Decatur, Ill., and also will be shown at Husker Harvest Days in Grand Island, Neb. For more information about these new track tractors, or to find a dealer near you, visit www.challenger-ag.us/.

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MEDIA CONTACTS:

Lindsey Pettyjohn, AGCO | 770-232-8434 | Lindsey.Pettyjohn@AGCOcorp.com

Dee Weeda, broadhead | 641-344-0757 | dweeda@broadheadco.com

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