

Sep 13, 2016, 8:00:00 PM

Challenger Introduces Tough, Sophisticated MT400E Mid-Range Tractors

GRAND ISLAND, Neb. (Sept. 14, 2016) – **Challenger®**, a global brand of [AGCO Corporation](#) (NYSE:AGCO), launched the MT400E Series tractors at Husker Harvest Days 2016. Five new models in this series feature Challenger toughness and the most robust offering of features available in mid-range tractors from Challenger. With max engine horsepower ratings from 120 to 160 and the choice of three transmission options, including the TechStar™ (CVT), they are ideal for all-around use on livestock and row crop operations. Models include the MT455E (120 hp), MT465E (130 hp), MT475E (140 hp), MT485E (150 hp) and MT495E (160 hp).

“Customers who have previewed these tractors have been impressed with the range of operator conveniences available from tractors with this level of power, stability and lift capacity. With features such as our optional industry-exclusive multi-function joystick and three transmission options, many customers are finding the MT400E Series offers the right combination for their operations,” says Eric Zimmerman, AGCO tactical marketing manager.

Improved operator efficiency with multi-function joystick

“These are big mid-range tractors ideal for someone who wants to run a large round baler or a mower conditioner, or pull mid-size planters and tillage equipment. When equipped with the CVT transmission and the multi-function joystick, MT400E Series tractors also are extremely efficient and well-suited for material handling for livestock and hay operations. The ergonomically designed, easy-to-use joystick controls all loader functions as well as directional and speed changes,” he explained.

The MT400E Series tractors boast a base weight of 15,432 lbs. and maximum loader lift capacity of 5,032 lbs. at the pivot pin. An optional, factory-installed live 3rd function enables up to three loader functions simultaneously to make loader work even easier.

“Dairy producers are constantly unloading and loading feed, hay or other material,” he continues. “With the multi-function joystick, loader work is much easier and more efficient because an operator can control the loader as well as move the tractor backward and forward with one hand.”

Row-crop operators also will appreciate having all controls at their fingertips, from easy configuration and set up of headland management to flow control valves for the hydraulic system on the pillar panel and console. The tractors also are well-suited for roadside mowing and municipal use.

Tier 4 Final power with no diesel particulate filter

The Challenger MT400E Series tractors are powered with a 4.9L AGCO Power™ 4-cylinder diesel engine meeting EPA Tier 4 Final emission standards using Selective Catalytic Reduction (SCR) – meaning no diesel particulate filter, no regeneration requirements and no exhaust gas recirculation system. The engines breathe intercooled intake air provided by a new turbocharger equipped with an electronic wastegate, and are fed by a 29,000 psi fuel injection system. The engine service interval is 600 hours.

A new Vistronic engine-cooling fan automatically adjusts air flow through the radiator depending upon operating conditions, a feature that also improves engine brake efficiency by 15% over previous models.

To enable the MT400E Series to stay in the field working longer, engineers have included a 54-gallon fuel tank and a 7.9-gallon secondary Diesel Exhaust Fluid (DEF) tank.

Technology in three transmission options ensures proper power to the ground at all times

Three transmission choices ensure the tractor is equipped to match the job at hand as well as the operator's preferences. To efficiently deliver power to the ground and obtain the most productivity from every gallon of diesel fuel, AGCO engineers have equipped the MT400E Series with Engine Power management (EPM). This advanced electronic engine and transmission management system adjusts to provide more fuel when operating conditions require it, delivering the extra power needed for optimum performance in the field and on the road.

Each of the three transmission choices for the MT400E Series includes EPM. They include:

- The TechStar CVT, a true continuously variable transmission with no clutch packs, capable of road speeds up to 31 mph.
- The AutoPower VI, 24F/24R Semi-Powershift with 4 ranges and 6 Powershifts per range and road speeds up to 31 mph.
- The standard AutoPower IV, 16F/16R Semi-Powershift with 4 ranges and 4 Powershifts per range with a max road speed up to 25 mph.

“The Power Management system operates automatically without operator involvement,” Zimmerman says.

Improved ride and traction available through dampened suspension

The MT400E Series uses a proven front axle with QuadLink suspension, fully adjustable from the cab. The linkage has 4.5 inches of travel and is controlled by a single hydraulic cylinder and accumulator mounted in the axle housing.

Cab suspension for the MT400E Series tractors includes regular mechanical suspension or an optional active mechanical system which allows dampening forces to be increased from the cab, on-the-go, up to 15% in the field and 30% on the road.

High visibility cab adds to operator comfort and efficiency

Ergonomically-designed cab controls keep operator efficiency high with a multi-function joystick for tractor operation. Also, well-designed pillar controls and a 50% larger, brightly-lighted, multi-colored digital Setup and Information Screen (SIS) and analog center dash control display help the operator monitor system functions and manage the hydraulic system.

Another benefit of the MT400E Series is improved visibility, made possible due to the compact emission control system allowing AGCO engineers to use a slimmer, offset exhaust stack tucked neatly behind the cab pillar.

In addition, the MT400E Series offers optional Fast Steering, allowing the operator to adjust the steering ratio for more or fewer turns of the steering wheel so loading and headland turns are faster and easier.

Outside, all models have 540/1000 PTOs. With the TechStar CVT transmission, up to four PTO options are available including Economy operation selections along with a choice of open or closed center hydraulics.

For more information about the new Challenger MT400E Series tractors, contact your local Challenger dealer or visit www.challenger-ag.us. Be sure to follow Challenger on [Facebook](https://www.facebook.com/ChallengerAg) (@ChallengerAg).

###

High resolution video is available upon request.

MEDIA CONTACT:

Lindsey Pettyjohn, AGCO | Lindsey.Pettyjohn@AGCOcorp.com

Dee Weeda, Dee Weeda Communications | dee@deeweedacomm.com | 641-344-0757

NEWS: Visit www.AGCOnews.com/na for the latest news and information from AGCO.

©2016 AGCO Corporation. Challenger is a registered trademark of Caterpillar Inc. and is used under license by AGCO. AGCO Power and TechStar are trademarks of AGCO.

About AGCO

AGCO Corporation (NYSE:AGCO) is a global leader in the design, manufacture and distribution of agricultural solutions and supports more productive farming through its full line of equipment and related services. AGCO products are sold through five core brands, Challenger,[®] Fendt,[®] GSI,[®] Massey Ferguson[®] and Valtra,[®] supported by Fuse[®] precision technologies and farm optimization services, and are distributed globally through a combination of approximately 3,000 independent dealers and distributors in more than 140 countries. Founded in 1990, AGCO is headquartered in Duluth, Georgia, USA. In 2015, AGCO had net sales of \$7.5 billion. For more information, visit <http://www.AGCOcorp.com>. For company news, information and events, please follow us on Twitter: [@AGCOCorp](https://twitter.com/AGCOCorp). For financial news on Twitter, please follow the hashtag #AGCOIR.

AGCO

4205 River Green Parkway, Duluth, GA 30096-2563 USA

Telephone: 770-813-9200 www.AGCOnews.com/na