

Challenger MT400E Series 120–160 Max Engine HP | 110–150 Rated Engine HP



Challenger

MT400E SERIES TRACTORS

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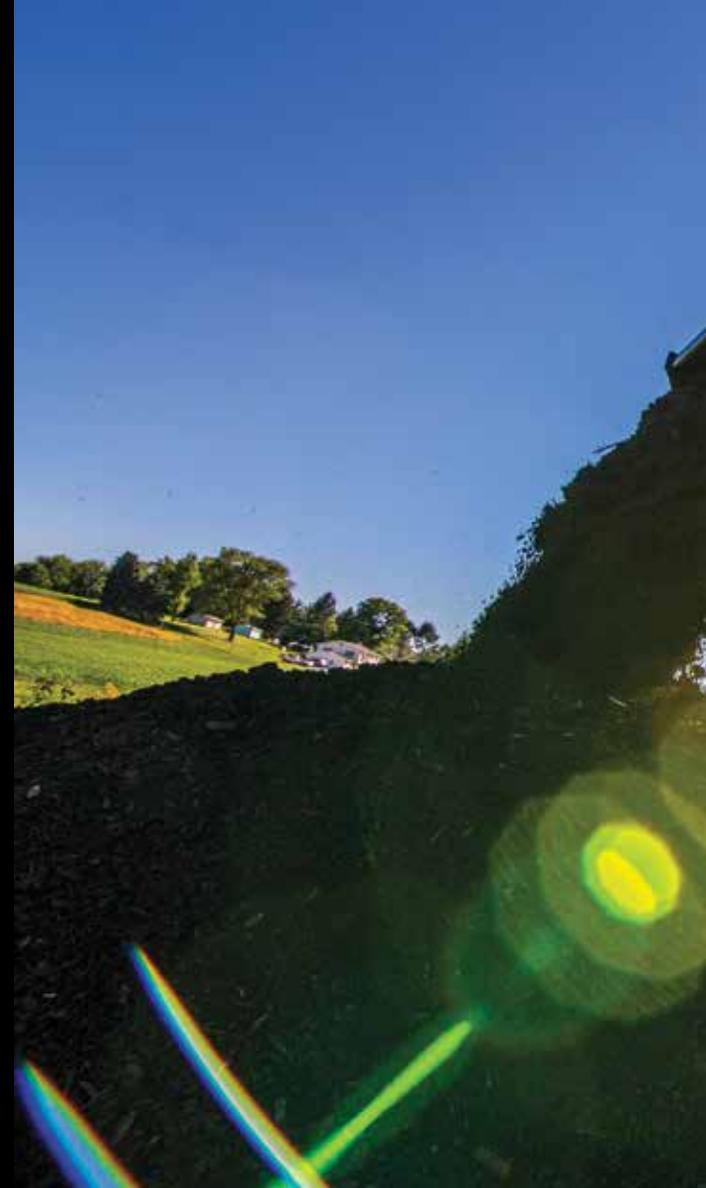
MT400E SERIES OVERVIEW

GET A LOAD OF THIS.

Challenger® is more than a name. It's an ideal. Constantly challenging what we're capable of. Challenging what it means to be effective. Challenging what we can bring to the table. The newest member of the Challenger family does all that and more, in a small, maneuverable package. The versatile MT400E Series tractors feature the same performance and attitude as their bigger counterparts.

With an improved design, every component works better together, integrated to perform smoothly and reliably, to help you get the job done and get it done fast. On the farm or the side of the highway, you're on the clock. And time is money.

Rugged, powerful and surprisingly comfortable, the MT400E Series tractors are pre-fit to pair with the ML Series loaders, so you're good to go from day one, especially when tackling the heaviest loads. With your choice of three smooth transmissions, there's an MT400E that can help you do serious work, seriously better than ever before.



**TAKES CARE OF BUSINESS.
NO MATTER YOUR BUSINESS.**



FARMS

The MT400E Series is the powerful workhorse you need that's reliable, easy to operate and comfortable enough to spend the entire day in. Even when tackling field prep and planting projects. The Challenger name means tough, and you can be sure this tractor comes up big where it counts.

HAY

If you're mowing, baling or hauling, the MT400E Series can take care of business in a big way. Powerful enough to pull bigger balers, mowers and conditioners and carry heavier bales, it does it all more efficiently than the competition.



GOVERNMENT & MUNICIPALITY

From the side of the road to the end of the runway, this is the machine that will remind you why you don't want a desk job. When the job has to get done, and the job changes every day, the versatility and dependability of the MT400E Series will make you glad it's part of your crew.

ENGINEERING HIGHLIGHTS

YOU CAN'T AFFORD ANY SLACKERS ON YOUR FARM.

You demand performance. You need versatility. The MT400E Series delivers both and then some. Just because it's small doesn't mean we didn't fit the latest innovations and most reliable components into its powerful but agile frame. You rely on your equipment, and you can't afford for it to be down for even one hour of daylight. That's why you choose a Challenger.





ENGINE

The 4.9 liter AGCO Power™ engine comes standard on every MT400E Series tractor. Tier 4 Final compliant, common rail fuel injected, and equipped with SCR technology, you get high fuel efficiency and low emissions. All while providing the power and torque of a larger 6-cylinder engine.

TRANSMISSION

AutoPower IV, AutoPower VI, or TechStar CVT, all include pedal mode AutoDrive with an Automatic setting and Engine Power Management. AutoPower VI features a larger hydraulic offering than the Dyna IV and optional electrical PTO speed control. And TechStar CVT gives you a smooth, shift-free driveline and 4-speed PTO.

BRAKE-TO-NEUTRAL SYSTEM

Our new brake-to-neutral braking system disengages the transmission and shifts it into neutral when the brake pedals are depressed. When you let off the brake, the tractor resumes your set speed. With single-foot brake and clutch operation, loader operation is easier and more natural.

HEAVY DUTY REAR LINKAGES

Rear couplers are equipped with a hydraulic decompression system on closed center options for easy removal of implements, and a lift capacity of up to 11,244 pounds. With a total of up to five spool valves available, you can be sure whatever you need to do will have the hydraulic power it needs.

FRONT 3-POINT HITCH

With an optional integrated hitch on the nose, you can load up to 6,000 pounds at the link ends. It can also support additional ballast weight or heavy front-mounted implements to increase your tractor's versatility even more.

TECHNOLOGY HIGHLIGHTS



WORKS HARDER AND SMARTER.

It's a Challenger. So of course it's strong. But it's smart, too. As technology becomes more and more integral to increasing efficiency, saving time and being more productive, Challenger has more than kept pace. With technology advancements incorporated into every MT400E tractor we sell, you don't have to worry about getting left behind.

SIS FULL COLOR DASH



The standard Setup and Information Screen (SIS) provides quick, clear and easy analysis of operating data. With one glance, you can check basic information on tractor

performance, working area, working distance, fuel consumption or engine and transmission temperature. The full color dashboard offers better visibility and the ability to adjust settings without an additional console.

MULTIFUNCTION JOYSTICK

Control your world with one hand, and keep the other hand on the wheel. The joystick gives you complete, intuitive command of virtually every important function. Drive easier, save time, increase accuracy and be more productive. Designed to integrate with the full line of Challenger loader implements, it even incorporates transmission functions and cruise control right at your fingertips.

EXCLUSIVE FUSE® PLATFORM

Fuse® Connected Services with AgCommand® is the perfect fleet management and monitoring tool for large operations, contractors or anyone who needs to keep a close eye on equipment in the field. Data is collected automatically, transferred wirelessly, and displayed in near real time on a secure webpage you can access from your desk or smartphone. By consolidating and optimizing all of our technology products and services — from guidance, steering, telematics and diagnostics to application controls, yield metering, grain storage monitoring and mobile apps — it can help you maximize uptime and keep all your farm assets in the right place at the right time.

AUTO-GUIDE™ 3000

Available as an option on the MT400E Series, this hands-free steering system helps reduce operator fatigue and increase productivity. Highly advanced but simple to use, its digital accuracy helps reduce input costs, lost time and frustration.

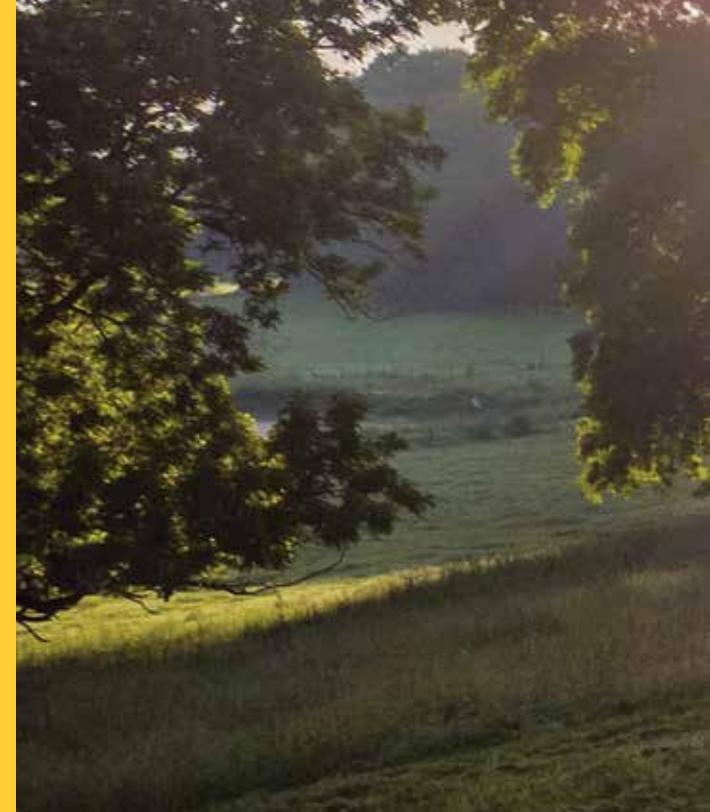
FUSE
AGCO Connecting Your Farm

COMFORT & EASE OF USE

IT'S GOT A SOFT SIDE HIDDEN UNDERNEATH ITS TOUGH EXTERIOR.

If a tractor isn't easy to use, it's creating more work than it's getting done. We know that a tractor that's comfortable and easy to operate is a more productive tractor. That's why everything about the MT400E has been ergonomically designed to provide the ideal environment for intuitive, comfortable control.

The unique angled hood design provides dramatically better visibility when loading, and with 360-degree visibility, you have clear sightlines from front to back. The integrated front axle suspension pushes the front axle to the ground, causing less power hop and wheel slip, and smoothing out the ride for the driver. There's even a comfort light that turns on and off automatically, so you're never left out in the dark. You're going to spend a lot of time in this tractor. There's no reason you shouldn't be comfortable the whole time.



HYDRAULIC LIVE 3RD OPTION

Maneuvering or adjusting a heavy load has never been easier when you can open or close, raise or lower and dump or curl an implement at the same time, with one hand on the joystick. Get more done, and get it done faster and easier.



REAR FENDER VALVE CONTROL

Sometimes there's no substitute for being hands on. The optional rear fender valve control lets you hook and unhook the implement in the rear 3-point hitch from outside the tractor.



SPEEDSTEER

Maneuvering a tractor has never been easier with optional SpeedSteer. Make sharp and 180° turns with far less rotation of the wheel. Make headland or turnrow turns quicker and easier, and get your tractor where it needs to be with less effort.



VISIO ROOF

Increase visibility even more with an optional Visio Roof that gives you a clear view of loader operation at height. You'll be confident your load is where it needs to be.

SPECIFICATIONS

CHALLENGER MT400E SERIES

LARGE FRAME MODELS	MT455E	MT465E	MT475E	MT485E	MT495E
ENGINE					
Maximum engine power HP (kW) @ 2,000 RPM	120 (89.5)	130 (96.9)	140 (104.4)	150 (111.9)	160 (119.3)
Rated engine power HP (kW) @ 2,100 RPM	110 (82)	115 (85.8)	130 (96.9)	140 (104.4)	150 (111.9)
Maximum PTO HP (kW) @ 2,000 RPM	105 (78.3)	110 (82)	120 (89.5)	130 (96.9)	140 (104.4)
Rated PTO HP (kW) @ 2,100 RPM	90 (67)	95 (70.8)	105 (78.3)	115 (85.8)	125 (93.2)
Max torque @ 1,600 RPM	510	537	563	623	652
Engine	AGCO Power 4-cyl, 4.9 L, intercooled turbocharger, high-pressure common rail direct fuel injection (HPCR)				
Emissions control; EPA Tier 4 compliant	SCR technology (post-combustion DEF), diesel oxidation catalyst (DOC)				
DRIVETRAIN					
Transmission type	AutoPower IV	AutoPower IV	TechStar CVT	AutoPower IV, AutoPower VI or TechStar CVT	AutoPower VI or TechStar CVT
Gears/Ranges	16x16	16x16	Continuously Variable Transmission	16x16, 24x24 or CVT	24x24 or CVT
Transmission control	Left-hand three-function power control lever and right-hand T-handle control lever				
Clutch	Wet multi-disc clutch, foot pedal and electronic control				
Rear axle	Solid cast steel with flange, short or long bar Opt.				
Brakes	Internal hydraulic wet disc				
Differential lock	Fully locking front and rear axle differentials, electro-hydraulically engaged				
Front axle	Straight, internal reduction gears				
HYDRAULICS					
Hydraulic system	Open center or closed				
Hydraulic flow @ rear remotes gpm (LPM)	26 (100) Std., 29 (110) Opt., 50 (190) Opt.				
Remote valves	Up to 5 mechanical or electric				
Loader joystick	Mechanical joystick in RH console, or Opt. electronic multifunction joystick in RH seat armrest				
Three-point type and lift capacity full stroke @ 24" (610mm) behind ball ends lbs. (kg.)	Cat II or Cat III Telescopic Links, 11,244 (5,100)				
Rear PTO	540/1000 or 540/540E/1000/1000E, electro-hydraulic engagement and speed selection				

LARGE FRAME MODELS	MT455E	MT465E	MT475E	MT485E	MT495E
OPERATOR AREA					
Cab	Large six-post, twin doors, flat foot deck, available mechanical suspension				
Customer-focused package	Classic Platform and Deluxe				
Electronic user interface	System Information Screen (SIS) Std.; Control Center Display (CCD) color terminal Opt.				
Electrical system	175 amp alternator or twin 120 amp alternators				
Steering	Tilt and telescoping				
DIMENSIONS					
Wheelbase in. (mm)	105 (2,667)				
Width in. (mm)	72 (1,829) to 100.4 (2,550)				
Maximum height over cab in. (mm)	112 (2,840) to 117 (2,965)				
Base weight without ballast lbs. (kg.)	4WD: 15,432 (7,000)				
DEF capacity gal. (L)	7.9 (30), left-side fill				
Fuel capacity gal. (L)	67 (254), left-side fill				





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LOW-RATE, FLEXIBLE FINANCING.

With competitive rates and easy terms, your Challenger dealer and AGCO Finance® offer great ways to buy, lease or rent your new machine. Visit agcofinance.com to learn more.

QUALITY PARTS.

Genuine Challenger replacement parts are made to the same high standards as those used on the assembly line, so you can always keep your MT400E Series tractor running like new. Check out agcopartsandservice.com for more information.



AGCO ANSWERS.

At AGCO, customer care isn't just a department. It's a commitment. We'll do our best to answer any questions promptly, or put you in touch with someone who can. AGCO Answers: (877) 525-4384 or agcoanswers@agcocorp.com

COME SEE WHERE INNOVATION MEETS PRODUCTIVITY.

Challenger recently expanded our plant in Jackson, MN. For many years this factory has been the home of our high-horsepower construction and agricultural track and 4WD tractors, as well as our application equipment. There you can tour our factory and visit our Intivity Center, the first visitor welcome center of its kind in North America.



Learn more at challenger-ag.us, or see your dealer for a demo.



For more than 25 years, in more than 140 countries worldwide, AGCO has been on a mission to become the single resource farmers can depend on for innovative, leading-edge thinking, equipment and technology. And, today, you know AGCO brands, even if you don't know the AGCO name. While AGCO equipment may not all share the same logo or same color, they all have one thing in common — the ability to help farmers be as productive and profitable as they possibly can be, regardless of the tasks at hand. agcocorp.com

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MASSEY FERGUSON

FENDT



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