

Challenger MT700 SERIES

RETHOUGHT. REENGINEERED. REINVENTED.

INTRODUCING THE CHALLENGER® MT700 SERIES TRACK TRACTORS

At Challenger®, we're committed to leading the way in the development of the most efficient engineering and technology. Every day we're creating machines designed to provide a clear advantage for agribusiness operations looking to reduce costs, increase productivity and, ultimately, be more profitable.

That's why we're introducing the MT700 Series track tractors. The MT700 Series inherits common architecture from the Challenger 1000, the most technologically advanced tractor available today. Engineered with all the capabilities Challenger is known for, along with an innovative suite of on-board intelligence upgrades developed to boost productivity and decision-making for your operation, the MT700 Series has been designed with two things in mind — you and your business.

You can call it the new standard of excellence against which all other track tractors will be measured.



MT700 SERIES

NOT JUST ENGINEERING. ACCUENGINEERING™.

THE MT700 SERIES TRACK TRACTOR IS COMPLETELY REDEFINING THE OPERATOR EXPERIENCE. Challenger's exclusive AccuEngineering™ platform couples superior engineering with state-of-the-art technology to increase productivity and reduce costs. From the controls in the cab to the AccuDrive™ powertrain to the AccuTerminal™, AccuEngineering is simply a more intelligent way to engineer a more intelligent tractor.

MORE EFFICIENT POWER

The AccuDrive powertrain on the MT700 Series maximizes engine power at slow speeds. That means you can pull the heaviest implements through the toughest conditions, with maximum torque and minimum fuel usage. The AGCO Power™ 7-cylinder, 9.8-liter displacement engine gives you up to 1,416 ft. lbs. of torque at 1,450 RPM. Plus, AccuVT™, the heavy-duty continuously variable transmission (CVT), simplifies operations and provides optimal coordination with the engine.

MORE SERIOUS TRACTION

Challenger's legendary Mobil-trac™ system keeps you in constant contact with the ground for better traction, reduced slip, more pulling ability, greater efficiency and a smoother overall ride. The patented two-track system allows for more traction with less compaction and more power to the ground.

MORE OPERATOR COMFORT

The MT700 Series features a number of enhancements operators are certain to welcome. The secret to more comfort, less fatigue starts with the all new Maxx Ride™ integrated comfort system. This AccuEngineering design integrates three core operating systems — the mobile track system, the Maxx Ride suspension and the two-point cab suspension. Designed together to work better together, they deliver unmatched comfort, stability and productivity for in-field work and maximum on-road transport performance.

MORE INTUITIVE TECHNOLOGY

The Challenger AccuTerminal brings your operation new levels of control, precision and productivity. The easy-to-use 10.4" touch-screen terminal lets you manage all tractor settings and adjustments. Enjoy exact tracking with the Auto-Guide™ guidance system, precisely manage variable application and avoid overlapping with AgControl®, and move data wirelessly with TaskDoc® Pro.

MODELS	MT738	MT740	MT743
ENGINE			
Type	AGCO Power 9.8L Tier 4F 7-cylinder diesel engine		
ISO engine @ 1,700 max and rated RPM HP (kW)	380 (279)	405 (298)	431 (317)
DEF SYSTEM			
DEF tank capacity US gal. (L)	21 (79.5)		
TRANSMISSION			
Type	Accu-VT™ Stepless Transmission (CVT)		
Maximum speed mph (km/h)	25 (40)		
GAUGE OPTIONS			
Type	Infinitely adjustable bar axle with smooth hardbar		
Std. in. (mm)	72-88 (1,829-2,235)		
Wide in. (mm)	72-120 (1,829-3,048)		

MODELS	MT738	MT740	MT743
TRACK OPTIONS			
General ag tracks in. (mm)	16, 18, 20, 25, 30, 34 (405, 455, 508, 635, 762, 864)		
Extreme ag tracks in. (mm)	25, 30, 34 (635, 762, 864)		
Extreme application tracks in. (mm)	16, 18, 20, 25, 30 (405, 455, 508, 635, 762)		
MOBIL-TRAC SYSTEM UNDERCARRIAGE			
Hardbar suspension	Coiled springs		
HYDRAULIC			
Type	Electrohydraulic powerlift control (EPC) with shock-load stabilizing and standard load compensation		
3-POINT HITCH/DRAWER			
Std. 3-point hitch	Category 3/4N		
WEIGHT			
Maximum ballast overall weight lbs. (kg.)	41,000 (18,600)		

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



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