

Challenger

MT700D

SPECIFICATION SHEET



Smart Machines. Serious Results.

Challenger

- Challenger was the first, and remains the only, tractor designed and built specifically for use on tracks. The MT700D combines traction with low ground pressure, providing the highest performance while protecting the soil
- Latest generation AGCO POWER™ engines equipped with Selective Catalytic Reduction (SCR), generate high power while delivering up to 10% fuel savings and longer service intervals compared with previous models
- Unique Mobil-Trac™ system delivers superior traction and low compaction from its 2.4m long tracks. Available in various widths, they are now even stronger and more durable
- The Mobil-Trac™ system is proven to transmit unrivalled levels of drawbar pull and power to the ground with minimum slip, so you do more work in less time and save fuel
- Opti-Ride™ suspension improves comfort and allows the tracks to lift, independently, to provide the smoothest ride over the most demanding terrain
- Spacious, climate controlled Pinnacle View cab is an excellent working environment, offering superb all-round vision and complete control via the Tractor Management Centre and comprehensive One-Touch headland management system
- Only Challenger tractors are equipped with a transmission (with creeper speed option) built solely for use with tracked tractors. Intellitronics Network™ provides automatic changes and choice of operating modes
- A three-point linkage is an integral part of the MT700D that is designed to handle heavy loads and is also equipped with a PTO shaft as standard
- Advanced closed-centre, load-sensing hydraulic system is fed from a unique Elevated Oil Reservoir (EOR), which maintains oil flow and pressure at all times
- Challenger equipment is backed by a world-class service and support network of dealers and distributors to ensure your investment keeps working for longer

Other Key Features

Auto-Guide™ satellite navigation	Deluxe Cab
AGCOMMAND™ Telemetry System	Nightbreaker HID™ lights
Air Compressor	Double Nightbreaker HID™ lights
Air Trailer Brakes	Pivoting Steps
Hydraulic Trailer Brakes	Debris Deflectors

Specifications	MT745D	MT755D	MT765D
*Engine	AGCO Power™	AGCO Power™	AGCO Power™
Rated engine power @ 2,100 rpm	306 hp	327 hp	350 hp
Rated engine power @ 2,100 rpm	228 kW	244 kW	261 kW
Max power @ 1,900 rpm	335 hp	358 hp	382 hp
Max power @ 1,900 rpm	250 kW	267 kW	285 kW
Max torque @ 1,500 rpm	1,451 Nm	1,540 Nm	1,540 Nm
Engine displacement	8.4 L	8.4 L	8.4 L
SPECIFICATIONS COMMON TO ALL MODELS			
Transmission	Full Powershift 16F/4R - Creeper available		
Transport speed	39.7 km/h (24.6 mph)		
Steering	Differential, electrohydraulic		
Gauge	1829 to 2235 mm (standard gauge) / 2032 to 3048 mm (wide gauge)		
Gauge adjustment method	Bar axle		
Undercarriage			
Opti-Ride™ Suspension	Hardbar with 2 Marsh Mellow® springs**		
Hardbar Oscillation	Stabiliser Bar with 8° Range of Motion		
Undercarriage Suspension	Oscillating Poly Mid-wheels		
Idler wheel width	Medium		
Midwheels width	Medium, Wide		
Driver wheel width	Medium, Wide		
Belt Options			
General Agricultural	419, 457, 635, 762 mm (16", 18", 25", 30") ***		
Extreme Agricultural	635, 762 mm (25", 30")		
Extreme Application	419, 457, 635, 762 mm (16", 18", 25", 30") ***		
Hitch/Drawbar			
Standard 3-point linkage	Capacity at hooks over the entire length of travel 81.7 kN to 130.9 kN		
Standard swinging drawbar	Vertical load 4536 kg		
Optional wide swinging drawbar (not compatible with 3-point linkage)	Roller type / 32° swing / Vertical load 4536 kg		
PTO			
Standard PTO	Independent/1000 rpm		
Hydraulic System			
Type	Load Sensing		
Number of rear spool valves	Standard 4/Optional up to 6		
Max flow	Standard 165L/min/Optional 224 L/min		
Max pressure	200 bar		
Fuel capacity			
Standard fuel capacity	413 L		
Optional fuel capacity (standard gauge)	527 L		
AdBlue tank	68 L		

* All values according to ECE R120

** Marsh Mellow® spring is a registered trademark of Firestone Industrial Products Group

*** Not available on all configurations

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Every effort has been made to ensure that the information contained in this publication is as accurate and current as possible. However, inaccuracies, errors or omissions may occur and details of the specifications may be changed at any time without notice. Therefore, all specifications should be confirmed with your Challenger Dealer or Distributor prior to any purchase.

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