

Challenger

MT700C

SPECIFICATION SHEET

- First and foremost, the MT700C is an excellent investment, built to last and with the productive capacity of several wheeled tractors with unrivalled traction and a significantly lower incidence of wheel-slip than a conventional machine
- The soil is your biggest asset, so minimise compaction by distributing machine weight evenly over the MT700C's wide, long tracks
- Challenger tracked tractors are the only ones designed from the base as a tracked tractor
- The outstanding Opti-Ride™ suspension system ensures the smoothest ride over the most demanding terrain
- Latest generation, low emissions engines. Powerful, reliable and electronically controlled for optimum performance and with all the power and torque you could need for the most demanding work and conditions
- Unprecedented operator comfort, superb all-round visibility and ease of control in the newly designed cab environment
- The unique Tractor Management Centre does all the hard work for the operator, ensuring all the critical functions are running at maximum efficiency
- Awesome hydraulic power flow to handle the biggest implements with ease
- The ultimate back-up from Challenger's world-class support network



Smart Machines. Serious Results.

	MT745C	MT755C	MT765C
Engine	C9 ACERT™	C9 ACERT™	C9 ACERT™
Rated engine power @ 2,200 rpm	269 hp	301 hp	320 hp
Rated engine power @ 2,200 rpm	201 kW	225 kW	239 kW
Max power @ 1,850 rpm	290 hp	334 hp	355 hp
Max power @ 1,850 rpm	216 kW	249 kW	265 kW
Max torque @ 1,400 rpm	1,339 Nm	1,498 Nm	1,590 Nm
Engine displacement	8.8 L	8.8 L	8.8 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	1524 to 2235 mm (EU) / 2032 to 3048 mm (non-EU)
Gauge adjustment method	Bar axle

Undercarriage

Opti-Ride Suspension	Hardbar with 2 Marsh Mellow® springs*
Hardbar Oscillation	Stabilizer Bar with 8° Range of Motion
Undercarriage Suspension	Suspended Midwheels
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	457, 635, 762 mm (18", 25", 30") **

Hitch

3-pt standard	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	Roller type / 32° swing / Vertical load 4536 kg

Hydraulic System

Type	Load Sensing	Load Sensing
Number of rear spool valves	Standard 4	Optional up to 6
Max flow	163 L/min	223 L/min
Max pressure	200 bar	200 bar

PTO

PTO	Standard
Type	Independent
Speeds	1,000 rpm

Fuel capacity

Standard fuel capacity	413 L
Optional fuel capacity	526 L

Other Key Features

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

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

** Not available on all configurations

† All values are according to ECE R24

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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