

Challenger

MT800C

SPECIFICATION SHEET

- The ultimate workhorse, with up to 610hp, designed specifically to meet the demands of serious agribusinesses
- Even weight distribution over wide, long tracks ensures extraordinary traction, reducing soil compaction and minimising wheel slip
- Challenger tracked tractors have the unique heritage of being the only machines of their type specifically designed for agricultural purposes, designed and constructed from the ground up, specifically as a tracked tractor - not a wheeled tractor conversion
- Mobil-Trac™ frame assembly provides an impressively long wheelbase, precise track belt tensioning and prolonged chassis durability
- Opti-Ride™ suspension delivers the smoothest progress over the roughest terrain, enhancing operator comfort, efficiency and safety
- Industry-leading hydraulics provide massive lift capacity and more than enough flow to subsidiary functions
- Effortless power, fuel efficiency and low emissions provided by the most advanced engine technology
- The latest 'C' Series cabs provide an unrivalled working environment for the operator, with supreme comfort levels matched by the ease of machine control
- The unique Tractor Management Centre is the 'nerve centre' of the MT800C, ensuring every component and system are working at optimum efficiency



Smart Machines. Serious Results.



	MT845C	MT855C	MT865C	MT875C
Engine	C15 ACERT™	C15 ACERT™	C18 ACERT™	C18 ACERT™
Rated engine power @ 2,200 rpm	430 hp	460 hp	510 hp	570 hp
Rated engine power @ 2,200 rpm	321 kW	343 kW	380 kW	425 kW
Max power @ 1,850 rpm	473 hp	506 hp	583 hp	610 hp
Max power @ 1,850 rpm	353 kW	377 kW	435 kW	454 kW
Max torque @ 1,400 rpm	2,134 Nm	2,283 Nm	2,530 Nm	2,832 Nm
Engine displacement	15.2 L	15.2 L	18.1 L	18.1 L

Specifications common to all models

Transmission	Full Powershift 16F/4R
Transport speed	39.7 km/h (24.6 mph)
Steering	Differential, electrohydraulic
Gauge	2286 to 3251 mm (EU & 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	Wide
Midwheels width	Wide
Driver wheel width	Wide

Belt Options

General Agricultural	700, 762, 915 mm (27.5", 30", 36")
Extreme Agricultural	700, 762 mm (27.5", 30")
Extreme Application	700, 762, 915 mm (27.5", 30", 36")

Hitch

3-pt optional	Capacity at hooks over the entire length of travel 98.5 kN to 198.2 kN
Standard wide swinging drawbar	Roller type / 32° swing / Vertical load 4536 kg
Optional wide swinging drawbar	Hydraulic controlled / 2 x 28° swing / Vertical load 4536 kg

Hydraulic System

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

PTO

PTO	Optional
Type	Independent
Speeds	1,000 rpm

Fuel capacity

Standard fuel capacity	1155 L
Optional fuel capacity	1250 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

† 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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