

Challenger TERRA-GATOR 2244 / 3244

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SERIOUS MACHINERY



Terra-Gator 2244/3244
300 - 395 hp

Perfect Concept

Challenger Terra-Gator 2244 NMS and 3244 NMS offer durability, exceptional strength and straight-forward technology for efficient and effective output. They deliver top performance to every application.

The Challenger Terra-Gator 2244 and 3244 are designed and built to meet the objectives of lower direct costs and higher outputs. Equipped with the appropriate dry NMS (Nutrient Management System) spreader or NMS liquid tank, the Challenger Terra-Gator can return consistently high work rates over extended periods to ensure that applications are made in a timely and efficient manner.

Chassis

Designed for high capacity operation with heavy loads in all conditions.

The cold bent frame is designed to minimize stress concentration and allow flex during operation. The 3 point articulated steering has an independent front and rear section. The new chassis designs have proved to be very durable and can easily manage multiple system types for application. The chassis can be fitted with the optional Dog Walk. This means that you can steer the rear axle independently so that each tyre 'walks' in an individual track, resulting in less soil compaction. The inboard hydraulic brake system, is a sealed system and can not be affected by dirt and debris.

Engine & Transmission

Fitted with powerful Caterpillar (TG 3244) and Sisu (TG 2244) Tier III / Stage 3A engines the machines have a great capacity in flat and hilly areas. Through the mechanical drive line the machines have high efficiency and low power loss. The powerful engine combined with the mechanical drive line improves performance and reduces fuel consumption. The Challenger Terra-Gator 2244 and 3244 are fitted with full Powershift transmissions with thumb up or down shift. The Powershift transmission always gives the correct gear in the desired speed range. The 3244 has 16F/3R gears and the 2244 has 11F/3R gears. The transmission has been developed to transfer more engine power to the high flotation wheels.





TerraGator

TerraGator NMS

SUPERLOAD SYSTEM

2204

ag-chem

Perfect Concept

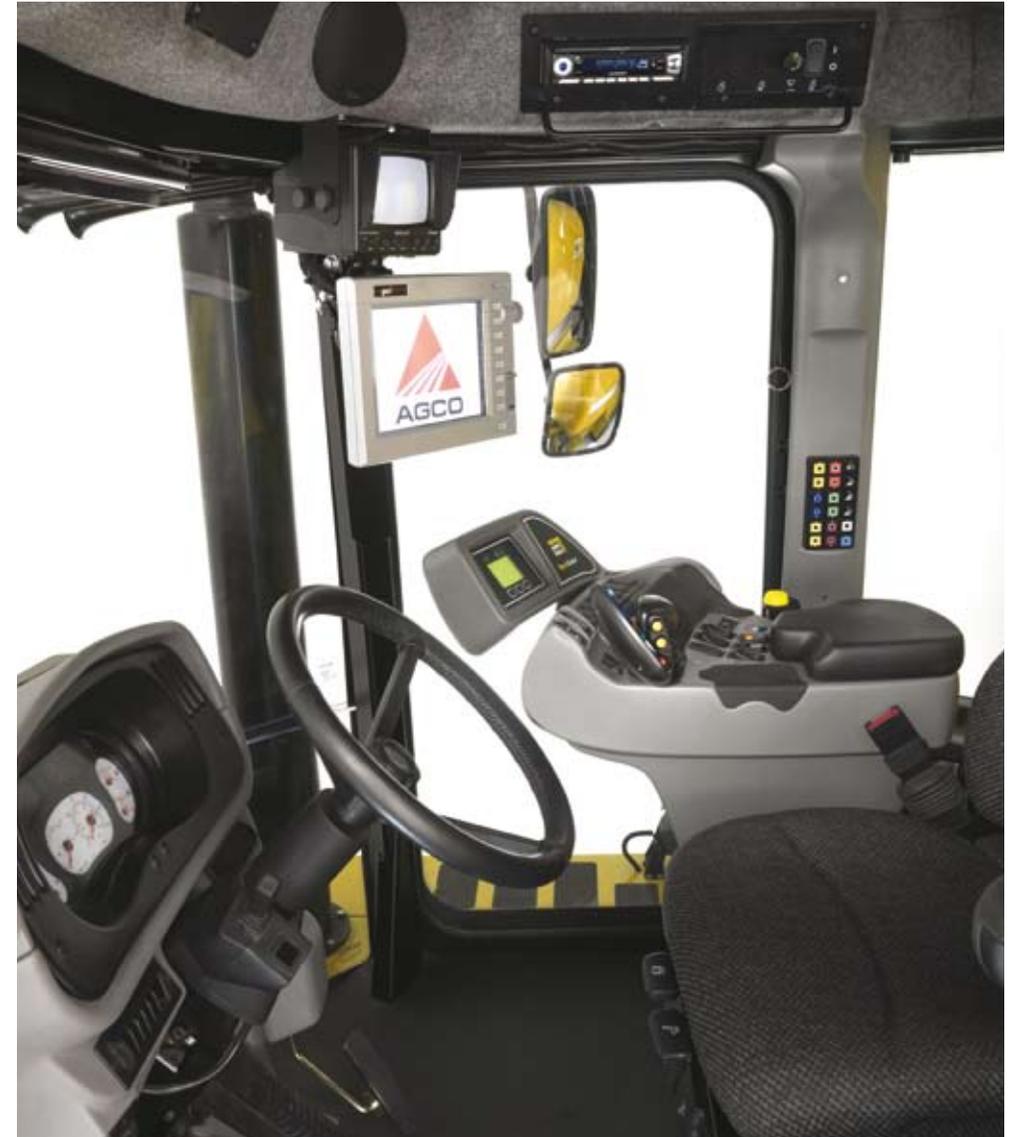
Cab

Fitted with a newly designed, highly comfortable, fully air suspended, panoramic, air conditioned Terra-Gator cab, you can be guaranteed an excellent level of operator comfort. The cabs have been specially designed to create the safest possible working environment for operators. Each cab is pressurised and fitted with a three-level filtering system to seal out dust, chemicals and other contaminants.

The expanse of glass provides ultimate all-round visibility. The modern analogue dials integrated into the dashboard give you information such as speed, engine RPM, fuel, temperature, oil pressure and a volt meter. The standard VRS (Vibration Reduction System) seat provides the operator with a quiet and comfortable workstation. The floating armrest allows the operator to perform a

number of functions. The digital control terminal provides the operator continuous machine information such as engine, gear, transmission data etc. The NMS Joystick, integrated in the floating armrest, allows operation of all the implement and system functions with the simple push of a button.

A number of overhead switches control cab lighting, standard climate control/ heating and radio with CD/ mp³ player.



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Maintenance and service

Designed for low maintenance and reduced down time. The machines have a low number of greasing points and the tilting cab, front tilted bonnet and tilted radiators ensure full access to major parts in minutes. The side panels ensure maximum accessibility to the engine. All parts of the machine are accessible via steps and handgrips; it's safe and easy to work on the machine. The components used are of an excellent quality. Plus the reliability of a professional parts network and a mobile service team helps minimise down time.



Specifications

	TERRA-GATOR 2244	TERRA-GATOR 3244
Engine		
Type	Sisu 8.4 ltr. CTA Tier III / stage 3 A	Caterpillar C-11 11.1 ltr. Acert Tier III / stage 3 A
Engine power	300 HP (221 kW)	364 HP (271 kW)
Max. power	330 HP (243 kW)	395 HP (294 kW)
Engine Torque rise	34%	42%
Max. Torque	1317 Nm (1500 rpm)	1752 Nm (1400 rpm)
Fuel capacity	492 ltr.	681 ltr.
Transmission		
Powershift	Terra-Shift 11F/3R	Caterpillar 16F/3R
Gera change	Electronic control	Electronic control
Transport speed	Limited to *40 km/h max. with reduced engine speed	*40 km/h
Drive	4 wheel drive, switch able	4 wheel drive, switch able
Axles		
Type	Funk Team Mate II, 1200 / 1400	AxleTech Type PRC 2715
Cab		
Seat	Sears VRS (Vibration Reduction System) seat	
Suspension	air cab suspension	
Air-conditioning	full electronic climate control	
Filtering	three stage air filtering, meets ASAE 525 standards	
Tyres		
Front / Rear	Michelin 1050/50R32	Michelin 1050/50R32
Dimensions		
Outside width	3.10m	3.15m
Length, front to back (chassis)	8.10m	9.05m
Wheelbase	4.86m	6.11m
Height (topside cabroof)	3.73m	3.87m
Alternator	150 Amp	200 Amp
Control with CANBUS	system, engine, transmission and lights	
Hydraulic tank (Chassis + System)	200 litre	
Optional		
Extra work lighting, Xenon lighting, Mirror heating, Electrical adjustable mirrors, Central greasing, Tyre inflation system, Extra beacons, Air system, Michelin 1050/50R32 Mega X Bib M28, Extra Toolbox, Auto Guide, Camera monitor system, Michelin 1050/50R32 T2 Mega X Bib		
System information		
NMS Liquid manure Tank	15m ³	18m ³
Dry NMS Tebbe Box	15 ton	18 ton
Loading arm	Superload container arm or pit suction arm	
Terminal	Falcon VT terminal	

* maximum speed is country specific



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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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