

Terratrac TT270

Specifications Item

Specifications Detail

<u>Engine</u>	VM D754 TE2, 3000cm ³ Detroit Diesel, with turbo charger, 4 stroke, direct injection.
Number of Cylinders	4
Type of Fuel / Size of Tank	Diesel, Tank 90 liters (23.75 gallons)
Horse Power	95 HP @ 2600 rpm to ECE R24, max torque 335 Nm at 1300 rpm
Air or Liquid Cooled	Liquid
<u>Electrical</u>	12V 90 A alternator, 100 AH high performance cold start battery, automatic reheat system.
<u>PTO</u>	Standard 1 3/8" 6 splines, dry single plate clutch operated electrohydraulically can be engaged and disengaged under load,, preselectable seperately front and rear - Clockwise rotation
Front Speed	550/1090 rpm switched independently
Rear Speed	580/760 rpm switched independently
<u>Hitches</u>	Front and Rear 3 point
Front (lift capacity & type)	2000kg (4400lbs) lift, 3-point hitch Category 1. with side shift. Hydraulic side shift quick coupling and top link all operated from the multi function lever. Automatic calibration and self adjusting weight transfer, vibration absorption for road travel.
Rear (lift capacity & type)	1900kg (4200lbs) lift 3-point, raise, lower, carry, float, lifting - rods with crank adjustment, quick action coupling.
<u>Transmission</u>	
Type	Infinitely variable hydrostat with adjustable pump, adjustable motor and a secondary 2-gear transmission. The vehicle drive control can be switched on and off
Number of Speeds	Forward and Reverse; off-road 0 - 5.9 / 0 - 12.4mph and road 0 - 9.9 / 0 - 24.85 mph

Control Type Multi-function drive lever for forward and reverse

Hydraulics

GPM Bosch electric valves, delivery rate 36L (9.5gal) at 175 Bar (2538psi)

Number of Spools Equipped with Hydraulic Option 10 Standard front and Rear DWASD double acting with float position.

Controls operated from multi function lever or by external raise and lower controls

Drive System

Type Hydrostatic transmission w/2-speed gearbox

Transfer Case (yes or no) Yes

4WD Type (i.e., constant) Permanent 4 wheel drive with Torsen interaxle differential and full lockable differentials in the front and rear axel operated electrohydraulically

Axles

Capacity per Axle Permissible Load Front 2400kg (5290lbs)
Permissible Load Rear 2400kg (5290lbs)

Brakes Hydraulic twin circuit servo footbrake operating on all wheels; in addition, hydraulic driving brake, handbrake and single brake on rear wheels

Type Drum at each wheel

Wheels

Number of Bolts 6 studs

Diameter 17"

Tires

Front Size & Ply Standard Radial-tyres 425/55 R17
Special for off road with steep slopes

Rear Size & Ply	Standard Radial-tyres 425/55 R17 Special for off road with steep slopes
Front and Rear Duals	7.5 x 18 wheels for fitting tires at front and rear. Includes mounting hardware for quick attach / detach
<u>Steering</u>	
Type	Smooth hydrostatic 4-Wheel steering. Front wheel steering is pre-selectable via push button. Steering mode can be changed at any time even while in motion with automatic detection and synchronization of wheel position via inductive sensors: Front steer, rear steer, 4-wheel steer, or quai-crab steer.
Steering Wheel Adjustment (tilt, telescope, etc.)	No
Hazard Button	Yes
Turning Radius	Turning radius 3.30m / 10'10" (lock 40°) With Double Tires turning radius 4.15m / 13' 7" (lock 30°)
<u>Frame</u>	
Type	Steel lattice, stiff torque frame, self supporting chassis, engine and hydrostatic transmission mounted on "silent" blocks.
<u>Lights</u> (list)	• 2 Headlight w / Hi-Lo and DRL & turn • 2 tail, stop turn combinations • signal, brake & four way flashers • dome light
<u>Instruments</u> (list)	• Speedometer • Engine temp • Engine rpm • Hour meter • Hydraulic weight transfer • Lights – hi/lo, turn/ hazard • Parking brake • Standard Gauges and Lights • Computerized Display replaces all analog instruments • Warning lamps for the functions, lights, alarm conditions

Operation

A total of 20 functions can be controlled via the drive lever. Using the keypad to the right of the driver, additional hydraulic-system functions and also the heating and air conditioning system can be controlled and operating sequences such as coupling up front and rear lifting equipment can be programmed. All information about the operating state and important settings are shown via a display or with indicator lights.

Cab

Certifications

OECD(ROPS) 79/622/EEC

Cab Size (1 or 2 people, etc.)

1 Person Standard Drives cab with safety frame (ROPS) Rubber mounted (tested according to 79/622/EEC) Noise and vibration dampened. Inside noise less than 83 dBA. Curved front and rear screen Rear window can be opened. Integrated automatic airconditioning system

Windows (tinted sliding, etc.)

all tinted

Type of Seat

Self Leveling Electric, adjustable comfort seat

Seat Upholstery

textile

Other Cab Equipment (list)

“Spinner” knob on steering wheel, Via the multi functional lever over 20 different functions can be operated, On the key board to the right of the driver additional functions of the hydraulic, heating, air conditioning can be controlled, prewired with speakers for radio

Speeds (if applicable)

Lo Range

2 speeds - 0-9.5 km/h (5.9 mph)
0-20 km/h (12.43 mph)

High Range

2 speeds 0-16 km/h (9.94 mph)
0-40 km/h (24.85 mph)

Dimensions

Wheel Base

2300 mm (90.5")

Length (with liftarms)

4080 mm (161")

Height (top of cab)	2130 mm (84")
Width (single tires)	2110 mm (83")
Curb Weight	Empty vehicle weight with cab is 2600 kg (5732 pounds)
Weight Rear Axle	Permissable Load 2400kg (5291lbs)
Weight Front Axle	Permissable Load 2400kg (5291lbs)
Total Laden Weight	Permissable total Load 3800kg (8378 lbs)
Hitch Load	Permissable total Hitch Load 600kg (1323 lbs)
<u>Warranty</u>	12 month unlimited hours / optional 2 year unlimited hours