



TerrainCut™ 1600 Turbo

Key Specs

Engine Manufacturer/Model - 4TNV86CT-DJWM (T4)

Horsepower (Gross Intermittent) - 44 kW

Fuel Tank Capacity - 83.3 L

Transmission - Hydrostatic

Mower Deck Size - 325.0 cm

Wing Deck Caster Wheels - Four, 11x4-5, flat-free

Front Deck Caster Wheels - Two, 11x4-5, flat-free

Blade Tip Speed - 3962.0 m/min

Warranty - 2 years

Engine

Engine Manufacturer/Model - 4TNV86CT-DJWM (T4)

Displacement - 2091.0 cc

Bore And Stroke - 86x90 mm

Injection - Direct

Starting Aid - Engine glow plug

Cylinders - 4

Cycle - 4

Horsepower (Gross Intermittent) - 44 kW

Rated Engine Speed - 3000.0 rpm

Operating Range - Minimum - 1400.0 rpm

Operating Range - Maximum - 3030.0 rpm

Engine

Lubrication - Pressurized by lobe-style pump

Oil Filter - Spin-on

Cooling System Capacity - 7.5 L

Crankcase Capacity - 5.8 L

Compression Ratio - 19:01

Operating Torque (Net Continuous @ 3000 RPM) - 140.0 Nm

Max Torque Per SAE J1349 (Net Continuous) - 159.0 Nm

Air Cleaner - Dual element, dry type

Air Restriction Indicator - Standard, progressive type

Engine Shutoff - Key

Radiator Location - Rear mounted

Fuel System

Fuel Type - Diesel

Fuel Transfer Pump - Electric

Fuel Filter - Replaceable, spin-on type

Water Separator - Replaceable, 100-mesh element

Cold Start Device - Increased timing for better cold starting

Fuel Tank Capacity - 83.3 L

Fuel Pump Type - Mechanical

Fuel Neck Opening - 7.6 cm

Fuel Tank Location - Left side of the machine

Self Bleeding - System is self-bleeding because of the electric fuel transfer pump

Fuel Consumption

Full Load - 12.7 L/hr

One-Half Load - 7.31 L/hr

Implement Lift

Type - Hydraulic, open center

Lift Cylinders - 5.8 cm

Pump - Gear

Electrical

Electrical

Charging System - Automotive type

Battery Voltage - 12.0 V

Battery Cold Crank Amps - 675.0 CCA

Starter Size - 1.4 kW

Hydraulic System

Traction Drive Pump - Displacement, axial piston pump, 49 cc cc

Motor - Displacement, axial piston pump, 33 cc cc

Type - Closed loop, hydrostatic

Hydraulic Reservoir Capacity - 53.0 L

Drivetrain

Transmission - Hydrostatic

Transaxle Type - Dual range

Transaxle - Tuff Torque (Kanzaki)

Four-Wheel Drive (4WD) - On demand or full time

Four-Wheel Drive (4WD) Type - Mechanical rear-wheel drive

Differential Lock - Mechanical, foot activated

Final Drive - Planetary

Brakes

Type - Internal, wet disc

Steering Brakes - Standard

Parking Brakes - Hand brake

Travel Speed

Low Forward Speed - 14.5 km/h

High Forward Speed - 24.0 km/h

Low Reverse Speed - 7.2 km/h

High Reverse Speed - 12.0 km/h

Sound Level (Without Cab)

With Deck - 94.0 dBA

Without Deck - 89.0 dBA

Frame

Frame Type - Welded, tubular steel

Thickness - 11.0 gauge

Thickness - 0.3 cm

Steering

Type - Power, hydrostatic

Tilt Steering Wheel - Standard

Turns Lock-To-Lock - 2.5

Turning Radius - 99.0 cm

Operator Station

Seat - Air-ride suspension seat, adjustable, deluxe, high-backed, back angle adjustment, lumbar adjustment, standard armrests

Seat Adjustment Positions - Multi

Armrests - Yes, adjustable

Safety - Safety interlock and operator presence system

Tires

Steering Tires (Rear) - 18x9.5-8

Tread - Multi-trac

Ply Rating - 6 PR (both)

Dimensions

Length (With Deck) - 335.0 cm

Wheel Base - 152.0 cm

Tread Width - 131.0 cm

Width With Decks Down - 340.0 cm

Height With Rollover Protective Structure (ROPS) - 249.0 cm

Transport Width - 213.0 cm

Ground Clearance - 16.5 cm

Cutting Width - 325.0 cm

Vehicle Weight - 1892.8 kg

Machine Weight Without The Deck - 1474.2 kg

Rollover Protective Structure (ROPS)

Type - Standard two-post folding ROPS or four-post canopy ROPS meets ISO21299 standard

Controls

Throttle - Hand

Forward/Reverse - Two-pedal

Mower Lift - Three two-function switches

Park Brake - Foot pedal/disk

Indicator Lights - Engine air heater, oil pressure light, engine temperature light, fuel gauge, hydraulic oil temperature light

Power Take-Off (PTO) Engagement - Electric solenoid switch

Power Take-Off (PTO) Engagement - Type - Hydraulic, independent

Power Take-Off (PTO) Engagement/Disengagement - Electric solenoid

Deck Drive Pump - Displacement, axial piston pump, 40.6 cc

Deck Motor - Displacement, gear motor, 41 cc

Deck Motor - Type - Hydraulic, open center, closed loop

Circuit - Series

Mower Decks

Deck Drive Type - Hydraulic, closed loop

Spindle Bearings Greaseable - Yes

Energy-Absorbing Wing Decks - Yes

Deck Circuit - Series

Blade Drive - C-section, V-belt

Mower Deck Size - 325.0 cm

Center Deck Cutting Width - 167.0 cm

Wing Deck Cutting Width - 107.0 cm

Transport Lock - Standard

Discharge - Rear

Deck Construction - Fabricated steel

Deck Thickness - 4.6 mm

Height-Of-Cut Range - 13.9 cm

Wing Deck Float - Up (While Maintaining PTO Engagement) - 45.0 degree (angle)

Wing Deck Float - Down (While Maintaining PTO Engagement) - 20.0 degree (angle)

Mowing Rate

80 Percent Field Efficiency - 16 km/h

Anti-Scalp Rollers

Type - Flat-free

Wing Deck Caster Wheels - Four, 11x4-5, flat-free

Front Deck Caster Wheels - Two, 11x4-5, flat-free

Blades

Total Mower Blades - Seven, three center and two each side

Blade Length - 55.88 cm

Blade Width - 6.35 cm

Blade Thickness - 0.312 cm

Blade Tip Speed - 3962.0 m/min

Interchangeable Mower Blades Between All Decks - Yes

Buyer's Notes

Warranty - 2 years

Certification - ANSI B71.4

Additional Information

Date Collected - 2023-12-01T00:00:00