



1600 Turbo TerrainCut™ (Two-Post ROPS)

Key Specs

Engine Model - 4TNV86CT-DJWM (T4)

Horsepower (Gross Intermittent) - 60 hp

Fuel Tank Capacity - 22.0 gal.

Transmission - Hydrostatic

Speed Range - Minimum - 0.0 mph

Speed Range - Maximum - 15.0 mph

Drive Tires (Front) - 26x12-12

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

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

Blade Tip Speed - 13000.0 fpm

Warranty - 24 months

Engine

Engine Model - 4TNV86CT-DJWM (T4)

Displacement - 127.6 cu in.

Bore And Stroke - 3.4x3.5 in.

Injection - Direct

Starting Aid - Engine glow plug

Cylinders - 4

Cycle - 4

Horsepower (Gross Intermittent) - 3,000 rpm

Horsepower (Gross Intermittent) - 60 hp

Engine

Rated Engine Speed - 3000.0 rpm

Operating Range - Minimum - 1400.0 rpm

Operating Range - Maximum - 3030.0 rpm

Lubrication - Pressurized by lobe-style pump

Oil Filter - Spin-on

Cooling - Liquid-cooled water centrifugal

Cooling System Capacity - 2.5 gal.

Crankcase Capacity - 6.1 qt

Compression Ratio - 19:01

Operating Torque (Net Continuous @ 3000 RPM) - 103.0 lb-ft

Max Torque Per SAE J1349 (Net Continuous) - 117.3 lb-ft

Air Cleaner - Dual element, dry type

Air Restriction Indicator - Standard, progressive type

Engine Shutoff - Key

Radiator Location - Rear mounted

Radiator Fins - 10 fins per in.

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 - 22.0 gal.

Fuel Pump Type - Mechanical

Fuel Neck Opening - 3.0 in.

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 - 3.33 gph

One-Half Load - 1.93 gph

Implement Lift

Implement Lift

Type - Hydraulic, open center

Lift Cylinders - 2.0 in.

Pump - Gear

Electrical

Charging System - Automotive type

Alternator - 75.0 amp

Battery Voltage - 12.0 V

Battery Cold Crank Amps - 675.0 CCA

Starter Size - 1.9 hp

Hydraulic System

Traction Drive Pump - Displacement, axial piston pump, 3 cu in.

Type - Closed loop, hydrostatic

Steering Relief - 1087.0 psi

Implement Relief - 1600.0 psi

Hydraulic Reservoir Capacity - 14.0 gal.

Motor - Displacement, axial piston pump, 2 cu in.

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

Travel Speed

Speed Range - Minimum - 0.0 mph

Speed Range - Maximum - 15.0 mph

Low Forward Speed - 9.0 mph

High Forward Speed - 15.0 mph

Low Reverse Speed - 4.5 mph

High Reverse Speed - 7.5 mph

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 - 0.12 in.

Steering

Type - Power, hydrostatic

Tilt Steering Wheel - Standard

Turns Lock-To-Lock - 2.5

Turning Radius - 39.0 in.

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

Drive Tires (Front) - 26x12-12

Drive Tires (Front) - Pressure - Front: 206.8 kPa / Rear: 193.1 kPa

Drive Tires (Front) - Pressure - Front: 30 psi / Rear: 28 psi

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

Tires

Tread - Multi-trac

Ply Rating - 6 PR (both)

Dimensions

Length (With Deck) - 132.0 in.

Wheel Base - 60.0 in.

Tread Width - 52.0 in.

Width With Decks Down - 134.0 in.

Height With Rollover Protective Structure (ROPS) - 98.0 in.

Transport Width - 84.0 in.

Ground Clearance - 6.5 in.

Vehicle Weight - 4173.0 lb.

Machine Weight Without The Deck - 3264.0 lb.

Rollover Protective Structure (ROPS)

Type - Standard two-post folding 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, 2.48 cu in. cu in.

Deck Motor - Displacement, gear motor, 2.5 cu in.

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

Circuit - Series

Mower Decks

Deck Drive Type - Hydraulic, closed loop

Mower Decks

Spindles - Heat treated, diameter, 1 in.

Spindle Bearings Greaseable - Yes

Energy-Absorbing Wing Decks - Yes

Deck Circuit - Series

Blade Drive - C-section, V-belt

Center Deck Cutting Width - 62.0 in.

Wing Deck Cutting Width - 42.0 in.

Transport Lock - Standard

Discharge - Rear

Deck Construction - Fabricated steel

Deck Thickness - 7.0 gauge

Deck Thickness - 0.18 in.

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 - 85% field efficiency at 10 mph

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 - 22.0 in.

Blade Width - 2.5 in.

Blade Thickness - 0.312 in.

Blade Tip Speed - 13000.0 fpm

Interchangeable Mower Blades Between All Decks - Yes

Buyer's Notes

Warranty - 24 months

Certification - ANSI B71.4

Additional Information

Date Collected - 2022-07-21T00:00:00