

500V SERIES AIR-COOLED FRONTMOUNT™

Affordable performance
in a Contour-Cut
FrontMount™ package



LIMITED WARRANTY†

2 YEAR

800 HRS

COMMERCIAL

LIMITED WARRANTY†

4 YEAR

800 HRS

RESIDENTIAL

525V

42

724cc, V-twin, OHV
B&S CXi
gasoline engine

526V

52

810cc, V-twin, OHV
Vanguard
gasoline engine



● Standard deck ► DuraMax® deck

The Grasshopper 500V Series is the most economical and compact Grasshopper FrontMount™ mower available, providing all the maneuverability, cut quality and durability only Grasshopper True ZeroTurn™ mowers provide. Reach under low-hanging trees and shrubs and trim as you mow for timesaving performance.

DURABILITY & LONGEVITY

Choose from professional-grade, V-twin engines. The 525V-42 is powered by a vertical shaft B&S CXi, 724 cc engine with a 5-step integrated Cyclonic Air Management system for clean performance and longer service intervals. Our 526V-52 boasts a, 810 cc vertical shaft Vanguard engine with advanced debris management.

Design-matched, fully hydraulic Parker HTE Series integrated pump-and-wheel motor transmissions with in-line cooling fans and fine-particle filtration provide smooth, reliable power. Enjoy longer service life, while best-in-class fluid change intervals with no break-in period using CoolTemp Hydro-Max™ fluid reduces costs and maintenance time.

MANICURED CUT

Easily pass through gates with the narrow 42-inch model, or choose the 52-inch model to handle larger properties.

Both decks are 5.5" deep. The PowerFold® Electric Deck Lift on both models raises the cutting deck vertically for easy cleaning and servicing of the underside or to fit more on a trailer. The PowerFold® is also used to adjust cutting height range from 2.0 to 4.5 inches. The anvil-edge deck design, with reinforced leading edge, stands up to the rigors of commercial mowing and easily converts from side discharge to Down Discharge™ mulching or PowerVac™ collection using the same deck.

COMFORT & ERGONOMICS

Enjoy Grasshopper's legendary comfort with a deep-cushioned Premium Comfort Seat covered with CoolTemp Cordura® fabric. With lumbar support and coil-spring suspension, you'll stay comfortably in control with all-day comfort.

Mowing speeds up to 8 MPH and
3.79 acres/hr. based on 52" cutting width*

For more details visit:
grasshoppermower.com/acres



OPTIONS

- » Quik-D-Tatch® PowerVac™ Collection Systems
- » Down Discharge™ mulching packages
- » TrimAide™ anti-scalp roller kit (526V-52 only)
- » Yellow beacon light
- » GrassMax™ blade options
- » LED work lights
- » QuikAdjust Tilt™ steering levers with "no tools" 9-inch comfort range
- » Extended steering levers for taller operators
- » Wide-seat conversion kit
- » Bar tread, low-pressure tires
- » Dual-fork tail wheels
- » Wide-stance, single-fork tail wheels on 525V-42
- » Side discharge control kit
- » Edge-EZE™ edger (526V-52 only)
- » Little Bully™ dozer blade
- » Driftbuster™ Snowthrower)
- » Sunshade Canopy - vinyl or aluminum
- » Adjustable cup holder
- » Air Dam kit
- » String Trimmer Mount Kit

Be more productive with the addition of a PowerVac™ Collection System or other implements. Ask for specifications or visit grasshoppermower.com/implements.

Models may be shown with optional equipment. *Actual results may vary. †See warranty card for details

AIR-COOLED 500V SERIES FRONTMOUNT™ SPECIFICATIONS

MODEL – CUTTING WIDTH

● Standard ○ Option

525V
42

526V
52

ENGINE

Type/Displacement/Cylinders

B&S CXi – gasoline/44.2 cu. in. (724cc)/V-twin

Vanguard – gasoline/49.4 cu. in. (810cc)/V-twin

Lubrication System

Pressure Lube, Filter

Crankshaft / Cooling System

Vertical / Air

Fuel / Capacity

Gasoline – unleaded/4.0 U.S. Gal. (15.1 l)

Air Cleaner

Integrated, cyclonic air cleaner with 5-step debris management system

Remote-mounted, centrifugal multi-stage air cleaner with advanced debris management

Muffler

Ultra-quiet, single, industrial type

STARTER & ELECTRICAL SYSTEM

Maintenance-Free Battery/Charging Capacity/Starter

12 volt/16 amp/remote solenoid

12 volt/16 amp/solenoid shift

Ignition

Breakerless

Interlock System

Prevents engine start when PTO clutch is engaged or steering levers are in drive position. Allows operator dismount without engine shutdown only when PTO is disengaged and steering levers are locked in neutral.

ULTIMATE OPERATOR STATION™

Premium Comfort Seat

Iso-mounted, high-back, multi-density, foam-padded, Cordura®-covered, padded arms/backrest with lumbar support, coil-spring suspension and embroidered Grasshopper logo on seat back.

Console-Mounted Instruments

Low engine oil pressure and parking brake indicator lights, digital hour meter, ignition and push/pull PTO switches. Choke integrated with throttle lever.

Operator Protection

Operator Protection Structure (OPS) with seat belt

Work Lights

LED (optional)

TRANSMISSION & STEERING

Type

Design-matched hydrostatic system with integral cooling fans. Fully hydraulic, integrated Parker HTE Series transmission with variable displacement piston-type pumps and high-torque wheel motors for each drive wheel.

Filtration/Hydro Fluid

Internal field-serviceable filter/No break-in required; CoolTemp Hydro-Max™ fluid.

Speed

0 – 8.0 mph (0 – 12.9 kph) forward

0 – 5.5 mph (0 – 8.9 kph) reverse

Turning Radius

True zero degree, turns within own length with counter-rotating, independently powered drive wheels. Seat is pivot point.

Steering

One- or two-hand operation with adjustable Hydra-Smooth™ dual levers that automatically return to neutral from either forward or reverse position.

Brakes

Dynamic braking through hydrostatic transmission. Drum style parking brake.

POWER UNIT TIRE SIZES

Drive Wheels: 20 x 8-10 turf tread, 4-ply rated

Drive Wheels: 20 x 8-10 bar tread, 4-ply rated

Tail Wheel: 13 x 6.5-6 rib tread, pneumatic (single fork)

Tail Wheel: 13 x 6.5-6 rib tread, pneumatic (wide-stance single fork)

Tail Wheel: 13 x 6.5-6 rib tread, pneumatic (dual fork)

MODEL – CUTTING WIDTH

525V
42

526V
52

POWER UNIT DIMENSIONS

Width: 42.0 in. (106.7 cm)

Length: 59.5 in. (151.1 cm)

Height (Operator Protective Structure): 64.0 in. (162.6 cm)

Height (seat back): 45.0 in. (114.3 cm)

Height (seat cushion): 29.0 in. (73.7 cm)

Wheelbase: 48.0 in. (121.9 cm)

DECKS

Model	525V-42	526V-52
Width of cut	42 in. (106.7 cm)	52 in. (132.1 cm)
Width with deflector down	55.5 in. (141.0 cm)	65.5 in. (166.5 cm)
Width with deflector raised	45.0 in. (114.3 cm)	55.0 in. (139.7 cm)
Width (mulching) Mulching kit optional.	43.5 in. (110.5 cm)	53.5 in. (135.9 cm)
Cutting Height	2.0 to 4.5 in. (5.1 cm to 11.4 cm)	
Deck Lift	PowerFold® (see page 19)	

Construction (Robotic-welded steel)

Geometrically engineered design with 10-gauge skirts withstands the brunt of commercial mowing.

Geometrically engineered design with 7-gauge skirts withstands the brunt of commercial mowing.

(3) Sentry™ spindles and a triple-strength upper deck is over 0.50-in. thick in stress zones.

Formed, double-thickness, tempered steel truss spindle plane is 0.210 in. – equal to 5-gauge (5.31 mm)

Formed, double-thickness, tempered steel truss spindle plane is 0.269 in. – 7.6% thicker than 0.25 in. (6.35 mm)

Anvil-edge design with reinforcement on front edge of deck

DuraMax® deck

Blades (MARBAIN®, 1/4-in.) (High-lift blades standard)

Tempered, alloy steel (3) 15 in. (38.1 cm) (3) 18 in. (45.7 cm)

Spindle Assemblies

Spindle head designed to eliminate fiber wrap, 2.5 cm (approx. 1 in.) O.D. shaft. Double bearings, non-greasable. Deck spindle cones shield housing and lower bearings from fiber wrap and dirt ingestion.

Spindle Housing – 8 in. (20.3 cm)-diameter with 6-bolt pattern

Machined aluminum

Blade Drive

Belt drive with single Kevlar® V-belt & idler arm tensioning

Trimability

(outside of tire to left trim side) 0 in. 4.75 in. (12.1 cm)

Power Unit/Deck Length

Deck (mowing position) 98.0 in. (248.9 cm) 102.0 in. (259.1 cm)

Deck (folded up) 87.0 in. (221.0 cm) 87.0 in. (221.0 cm)

Tire Size (4-ply rated): 9 x 3.5-4 (flat-proof)

WEIGHT

Uncrated: (Mower & Deck) 935 lbs. (424.1 kg) 1,025 lbs. (464.9 kg)

Mulching Package 22 lbs. (10.0 kg) 29 lbs. (13.2 kg)