

500V SERIES

AIR-COOLED FRONTMOUNT™

Affordable performance in a FrontMount™ package



524V

42

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

526V

52

810cc, V-twin, OHV
B&S Vanguard
gasoline engine

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.

Easily pass through gates with the narrow 524V-42, or choose the 526V-52 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.

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.

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



Make quick work of mowing with speeds up to 8.0 MPH and 3.79 acres per hour based on 52" cutting width*
For more details visit:
grasshoppermower.com/acres



Committed to the Cut.™

● Standard deck ■ DuraMax® deck

OPTIONS

- » Quik-D-Tatch® PowerVac™ Collection Systems
- » Down Discharge™ mulching packages
- » TrimAide™ roller kit (52-inch deck only)
- » Yellow beacon light
- » GrassMax™ blade options
- » LED work lights
- » QuikAdjust Tilt™ steering levers with "no tools" 9-inch comfort range
- » Dual-fork tail wheels (or wide-stance, single-fork tail wheels on 524V-42)
- » Side discharge control kit
- » Adjustable cup holder

Be more productive with the addition of a PowerVac™ Collection System. Ask for specifications or visit grasshoppermower.com/powervac-frontmount. Models may be shown with optional equipment. *Actual results may vary.

Air-Cooled 500V FrontMount™ Specifications

	524V-42	526V-52
ENGINE		
Type/Displacement/Cylinders		
B&S Commercial Turf—gasoline/44.2 cu. in. (724cc)/v-twin	•	
B&S Vanguard—gasoline/49.4 cu. in. (810cc)/v-twin		•
Lubrication System		
Pressure Lube, Filter		
Crankshaft		
Vertical		
Cooling System		
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™		
USR™ 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)		
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-handed 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: 20x8.00x10 turf tread		
Tail Wheel: 13x6.50x6 rib tread, pneumatic (single fork)	•	
Tail Wheel: 13x6.50x6 rib tread, pneumatic (wide-stance single fork)	○	•

	524V-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	524V-42	526V-52
Width of cut	42 in. (106.7cm)	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)	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®	
Construction (Robotic-welded steel)		
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	10 ga.	1/4"
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-greaseable. 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)	98.5 in. (250.2 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 3.50 x 4 (flat-proof)	•	•
WEIGHT		
Uncrated:	935 lbs. (424.1 kg)	1,025 lbs. (464.9 kg)
Mulching Package	22 lbs. (10.0 kg)	29 lbs. (13.2 kg)

• Standard ○ Option

For a complete list of trademarks/registered trademarks, visit grasshoppermower.com/legal.

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