

100V SERIES AIR-COOLED MIDMOUNT™

Step up to affordable,
best-in-class performance.



LIMITED WARRANTY†

2 YEAR
— 500 HRS —
COMMERCIAL

LIMITED WARRANTY†

4 YEAR
— 500 HRS —
RESIDENTIAL

125VB

41 48

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

125V

48 52

747cc, V-twin, OHV
Kohler Confidant
gasoline engine

127V

52 61

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

Mowing speeds up to 12.9 KPH and
1.80 hectares/hr. based on 61" (155-cm) cutting width*

For more details visit:
grasshoppermower.com/acres



With a compact design and powerful features, 100V Series mowers deliver True ZeroTurn™ maneuverability, outstanding comfort and superior performance in even the tightest spaces. With deck sizes from a gate-friendly 41 inches on the 125VB-41 to larger 48-, 52- and 61-inch decks on larger 100V Series models, you can match your mower to your needs.

DURABILITY & LONGEVITY

The 100V Series features choice of 724 cc or 810 cc B&S CXi, or a 747 cc Kohler Confidant engine. As with all of our V Series mowers, these engines are V-twin with vertical crankshafts.

Design-matched, fully hydraulic Parker HTE Series integrated pump-and-wheel-motor transmissions with in-line cooling fans and fine-particle filtration. Provides best-in-class transmission fluid change intervals with no break-in period, reducing costs and maintenance.

Only two Access-Eze™ lubrication points cut maintenance time up to 95%.

MANICURED CUT

Exceptionally durable 5.5-inch-deep decks (4.5-inch for 125VB-41) easily convert from wide-pattern side discharge to optional mulching or vacuum collection. QuikAjust™ DropPin™ Height Adjustment makes changing cutting heights fast and simple. Optional four-spindle 4XRD dedicated rear-discharge decks evenly distribute clippings out back for a smooth cut and no windrowing.

COMFORT & ERGONOMICS

The deep-cushioned, deluxe Premium Comfort Seat features a coil-spring suspension and padded lumbar support with sliding 2-inch fore and aft adjustment for all-day comfort. Iso-mounting eliminates vibration even before it reaches the seat, and both padded seat and foldable armrests are covered in scuff-resistant, breathable CoolTemp Cordura® fabric, which dissipates heat and won't tear or crack with extended use.

ComfortReach™ provides 2 inches of adjustment at the base of the lever for a custom steering fit. No tools required.

A higher horsepower combined with a compact wheelbase provides a great power-to-size ratio.

A 6.5 gal/24.6 L single-fill fuel tank (125VB features 3.0 gal/11.4 L tank) under the seat lowers the center of gravity of the machine, providing traction and stability for an enhanced ride. Standard bumper protects the rear of the mower while preserving easy access and removal of the service shield.

● Standard deck

OPTIONS

- » Quik-D-Tatch® PowerVac™ Collection Systems
- » Down Discharge™ mulching packages
- » 4XRD Rear Discharge™ decks
- » Side discharge control kit - for 48-inch and larger decks
- » Foot pedal extension kit for QuikAjust™ DropPin™ height adjustment
- » TrimAide™ anti-scalp roller kit - for 52-inch deck
- » Speed-Trimming™ heavy-duty anti-scalp roller kit - for 61-inch deck
- » Air Dam kit - for dry, dusty conditions
- » LED work lights - plug-in ready
- » Yellow beacon light
- » Custom Cordura® weather cover
- » Sunshade Canopy - vinyl or aluminum
- » GrassMax™ blade option
- » Heavy-duty, grass-grooming striping kit
- » QuikAjust Tilt™ steering levers with "no tools" 9-inch comfort range - for 48-inch and larger models
- » DuraFlex™ suspension forks - for 48-inch and larger decks



Optional DuraFlex™
Suspension Fork

AIR-COOLED 100V SERIES - SPECIFICATIONS

MODEL - CUTTING WIDTH	B&S				KOHLER	
	125VB-41	125VB-48	127V-52	127V-61	125V-48	125V-52
	• Standard	• Standard	• Standard	• Standard	• Standard	• Standard
	○ Option	○ Option	○ Option	○ Option	○ Option	○ Option

ENGINE

Type/Displacement/Cylinders	125VB-41	125VB-48	127V-52	127V-61	125V-48	125V-52
B&S CXi gasoline/44.2 cu in. (724 cc)/V-twin	•	•				
B&S CXi gasoline/49.4 cu in. (810 cc)/V-twin			•	•		
Kohler Confidant gasoline/45.6 cu. in. (747 cc)/V-twin					•	•

Lubrication System

Pressure Lube, Filter

Crankshaft / Cooling System

Vertical / Air

Fuel / Capacity

Gasoline - unleaded / 3.0 U.S. Gal (11.36 L)

Gasoline - unleaded / 6.5 U.S. Gal (24.60 L)

Air Cleaner

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

Heavy-duty cyclonic air filter with QuadClean™ multi-stage air filtration

Muffler

Ultra-quiet, single, industrial type

DECKS - Side Discharge or Dedicated 4X Rear Discharge (4XRD)

Construction (Robotic-welded steel)

Double-layered 10-gauge plus 10-gauge formed-steel spindle plane 0.269 in. (6.83 mm) thick with 7-gauge skirts

Anvil-edge design with 0.5 in. (12.7 mm) reinforcement on front edge of deck

Blades (ADI MARBAIN®, 1/4-in.)

(2) 21 in. (53.5 cm)

(2) 18 in. (45.7 cm), (1) 15 in. (38.1 cm)

(3) 18 in. (45.7 cm)

(3) 21 in. (53.5 cm)

Spindle Assemblies

Turned, ground and polished 2.5 cm (approx. 1 in.) outside diameter (O.D.) precision shaft; spindle head designed to eliminate fiber wrap; double bearings, non-greasable.

Spindle Housing

8-in. (20.3 cm)-diameter machined aluminum housing with 6-bolt pattern

Spindle Cones

Spindle cones shield housing and lower bearings from fiber wrap and dirt ingestion

QuikAjust™ DropPin™ Height Adjustment

Foot-controlled height adjustment pedal with pin

Cutting Height Range

1.0 - 5.0 in. (2.5 - 12.7 cm) in 1/4-inch increments

Blade Drive

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

DEDICATED 4X REAR DISCHARGE DECK OPTION - Additional Information

4th Spindle and Grass Thrower Blade

Cast iron thrower spindle housing - 5-in. (12.7 cm) diameter with 4-bolt pattern

(1) Grass Thrower Blade

(1) 18 in. High-Low Mulching Grass Thrower Blade

STARTER & ELECTRICAL SYSTEM

Maintenance-Free Battery/Charging Capacity/Starter

12 Volt/15 amp/solenoid shift

12 Volt/16 amp/remote solenoid

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, deep-cushioned, foam-padded Cordura®-covered, padded foldable arms (except 125VB-41), padded backrest with lumbar support, coil-spring suspension and embroidered Grasshopper logo on seat back. Adjustable fore and aft.

Operator Protection

Operator Protection Structure (OPS) with seat belt

MODEL - CUTTING WIDTH	B&S				KOHLER	
	125VB-41	125VB-48	127V-52	127V-61	125V-48	125V-52
	• Standard	• Standard	• Standard	• Standard	• Standard	• Standard
	○ Option	○ Option	○ Option	○ Option	○ Option	○ Option

Suspension

Roomy, iso-mounted footrest with Shock Impact Reduction System™ (SIRS™)

Console-Mounted Instruments

Digital hour meter, parking brake indicator light, ignition switch, choke and push/pull PTO switch

Work Lights (Pre-wired)

LED (optional)

TRANSMISSION & STEERING

Type

Design-matched hydrostatic system with in-line 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 oil change required; CoolTemp Hydro-Max™ fluid.

Speed

0 - 7.5 mph (0 - 12.1 kph) forward

0 - 5.5 mph (0 - 8.9 kph) reverse

0 - 8.0 mph (0 - 12.9 kph) forward

0 - 6.0 mph (0 - 9.7 kph) reverse

Turning Radius

True zero degree, turns within own length with counter-rotating, independently powered drive wheels

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

Parking Brake

Compression

TIRE SIZES

Drive Wheels - Standard (5-bolt pattern)

20 x 10-8 turf

20 x 10-10 turf

20 x 12-10 turf

Front Casters

13 x 5-6

13 x 6.5-6 rib tread, pneumatic with double-sealed bearings

DIMENSIONS (Mower & Deck)

Mulch or Rear Discharge Width/Length (Add 1.5 in. (3.8 cm) to width for side discharge with deflector raised. Add 12.0 in. (30.5 cm) to width for side discharge with deflector.)

42.5 in. (108.0 cm)/76.0 in. (193.0 cm)

49.5 in. (125.7 cm)/75.0 in. (190.5 cm)

53.5 in. (135.9 cm)/75.0 in. (190.5 cm)

62.5 in. (158.8 cm)/78.0 in. (198.1 cm)

Height (Seat back)

46.0 in. (116.9 cm)

47.0 in. (119.4 cm)

Height (Seat cushion)

28.0 in. (71.1 cm)

29.0 in. (73.7 cm)

Height (OPS)

57.5 in. (146.1 cm)

59.0 in. (149.9 cm)

Drive Tire Track Width (outside edge to outside edge)

41.5 in. (105.4 cm)

44.5 in. (113.0 cm)

49.5 in. (125.7 cm)

WEIGHT

Uncrated: (Mower & Deck) 700 lbs. (317.5 kg)

Uncrated: (Mower & Deck) 810 lbs. (367.4 kg)

Uncrated: (Mower & Deck) 830 lbs. (376.5 kg)

Uncrated: (Mower & Deck) 880 lbs. (399.2 kg)

Mulching Package (Package includes high-low mulching blades.)

17 lbs. (7.7 kg)

25 lbs. (11.3 kg)

29 lbs. (13.2 kg)

36 lbs. (16.3 kg)

