

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

124V

41 48

724cc, V-twin, OHV
B&S Commercial turf
petrol engine

125VB

48

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

127V

52

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

Mowing speeds up to 12.9 KPH
and 1.53 hectares/hr. based on
132 cm cutting width*
For more details visit:
grasshoppermower.com/hectares



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 104 cm on the 124V-41 and 122 and 132 cm decks on larger 100V Series models, you can match your mower to your needs.

DURABILITY & LONGEVITY

The 100V Series features choices of 724 cc B&S Commercial Turf, 724 cc B&S CXi or 810 cc B&S CXi engines. 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 14 cm-deep decks (11.4 cm deep for 124V-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 under the mower and 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 5 cm 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.

Dual swing-out levers provide smooth, responsive control. ComfortReach™ provides 5 cm 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 (124V-41 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 122 cm and larger decks
- » Foot pedal extension kit for QuikAjust™ DropPin™ height adjustment
- » TrimAide™ anti-scalp roller kit - for 132 cm deck
- » Speed-Trimming™ heavy-duty anti-scalp roller kit - for 155 cm 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 options
- » Heavy-duty, grass-grooming striping kit
- » QuikAjust Tilt™ steering levers with "no tools" 23 cm comfort range - for 122 cm and larger models
- » String Trimmer Mount Kit
- » DuraFlex™ suspension forks - for 122 cm and larger decks



Optional DuraFlex™ Suspension Fork



AIR-COOLED 100V SERIES - SPECIFICATIONS

| MODEL - CUTTING WIDTH | Standard | 124V-41 | 124V-48 | 125VB-48 | 127V-52 |
|-----------------------|----------|----------|----------|----------|----------|
| | Option | (104 cm) | (122 cm) | (122 cm) | (132 cm) |

ENGINE

Type/Displacement/Cylinders

| | | | | | |
|---|---|---|--|---|---|
| B&S Commercial Turf petrol /44.2 cu in. (724 cc) / V-twin | • | • | | | |
| B&S CXi petrol/44.2 cu in. (724 cc)/V-twin | | | | • | |
| B&S CXi petrol/49.4 cu in. (810 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

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) | | | | | • |

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

QuikAdjust™ 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 | N/A | • | • | • | • |
| (1) Grass Thrower Blade | N/A | • | • | • | • |

STARTER & ELECTRICAL SYSTEM

Maintenance-Free Battery/Charging Capacity/Starter

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 124V-41), padded backrest with lumbar support, coil-spring suspension and embroidered Grasshopper logo on seat back. Adjustable fore and aft.

Operator Protection

Seat belt

Suspension

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

| MODEL - CUTTING WIDTH | 124V-41 | 124V-48 | 125VB-48 | 127V-52 |
|-----------------------|----------|----------|----------|----------|
| | (104 cm) | (122 cm) | (122 cm) | (132 cm) |

Console-Mounted Instruments

Digital hour meter, parking brake indicator light, ignition switch and push/pull PTO switch. Choke integrated with throttle lever.

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 | | • | • | • |

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.) Mulching kit optional.

| | | | | |
|---|---|---|---|---|
| 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) | | | | • |

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) | | • | • | • |

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) | | | | • |

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

| | | | | |
|-------------------|---|---|---|---|
| 17 lbs. (7.7 kg) | • | | | |
| 25 lbs. (11.3 kg) | | • | • | |
| 29 lbs. (13.2 kg) | | | | • |

