

400 SERIES AIR- AND LIQUID-COOLED MIDMOUNT™

Full-featured top-of-the-line
MidMount™ mowers



LIMITED WARRANTY[†]
3 YEAR
UNLIMITED
COMMERCIAL
LIMITED WARRANTY[†]
4 YEAR
800 HRS
RESIDENTIAL

QuikAjust Tilt™ levers
with 9-in. adjustment range

400 D 1.3L

61 72

1.3L, 3-cylinder,
liquid-cooled MaxTorque™
Clean Diesel horizontal
crankshaft engine

**440 EFI
ETC BIG BLOCK™**

61 72

993 cc, air-cooled, V-Twin,
Vanguard BIG BLOCK™
horizontal crankshaft
gasoline engine

► DuraMax® deck

OPTIONS

- » Quik-D-Tatch® PowerVac™ Collection Systems
- » Down Discharge™ mulching packages
- » Dedicated 4X Rear Discharge™ deck
- » Speed-Trimming™ heavy-duty roller
- » DuraFlex™ suspension forks
- » Taller steering levers

DURABILITY & LONGEVITY

Fast and powerful to get the job done on time, every time. Choose the power and economy of a Tier 4-compliant, 1.3L Kubota 3-cylinder MaxTorque™ clean diesel engine, or a 993 cc V-Twin Vanguard Big Block EFI engine with Electronic Throttle Control. The horizontal crankshaft provides longer performance life, plus you'll enjoy the comforts of delivering a picture-perfect cut in less time than you'd expect.

Rugged, design-matched 21cc G2 hydrostatic transmissions with CoolFan™ hydrostatic pump cooling system and 7-micron absolute filter partnered with wheel motors create a fully hydraulic system for responsive steering and less maintenance with 1,000-hour fluid change intervals.

Only five Access-Eze™ lubrication points cut maintenance time up to 80%.

MANICURED CUT

5.5-inch deep DuraMax® decks with anvil-edged design for exceptional durability easily convert from wide-pattern side discharge to optional mulching or vacuum collection. The Standard Hydraulic Height Adjustment feature enables cutting height changes with a switch.

Optional four-spindle, dedicated rear-discharge decks evenly distribute clippings out back for a smooth cut without windrowing, providing the quality cut you expect.

COMFORT & ERGONOMICS

The Cordura®-covered Premier Suspension Seat is standard on all 400 Series models and provides a custom fit for operators. The backrest tilts and includes adjustable lumbar support. The seat also adjusts to the operator's weight and slides fore and aft. Adjustable, foldable armrests are also standard. An adjustable cup holder makes it convenient to tote along your favorite beverage. Two USB ports are available to charge cell phones and other devices. Electronic fuel gauge/hour meter on the console is standard.

QuikAjust Tilt™ steering levers with "no tools" adjustment provide a 9-inch range for maximum comfort and fit.

The 12.0 gal/45.4 L single-fill fuel tank, located under the seat, lowers the center of gravity, providing more traction and stability for an enhanced ride.

Mowing speeds up to 11 MPH
and 7.20 acres/hr. based on
72" cutting width*
For more details visit:
grassshoppermower.com/acres



400 SERIES AIR- AND LIQUID-COOLED MIDMOUNT™ – SPECIFICATIONS

MODEL – CUTTING WIDTH	● Standard	400D 61"	400D 72"	440 61"	440 72"
ENGINE					
Type/Displacement/Cylinders					
Kubota MaxTorque® diesel / 77 cu. in. (1.3L) / 3-cyl.	●	●			
Vanguard BIG BLOCK™, closed-loop, Electronic Fuel Injection (EFI) with Electronic Throttle Control (ETC) / 60.6 cu. in. (993cc) / V-Twin			●	●	
Crankshaft/Cooling System					
Horizontal / Liquid	●	●			
Horizontal / Air			●	●	
Fuel/Capacity					
Diesel - No. 2 / 12 U.S. Gal. (45.4L)	●	●			
Gasoline - unleaded / 12 U.S. Gal. (45.4 L)			●	●	
Air Cleaner					
Heavy-duty, remote-mounted engine air cleaner with replaceable element	●	●	●	●	
Filter Minder	●	●	○	○	
DECKS – Side Discharge or Dedicated 4X Rear Discharge (4XRD)					
Construction (Robotic-welded steel) – Side discharge or optional 4X Rear Discharge					
Double-layered 10-gauge plus 7-gauge formed-steel laminate spindle plane 0.313 in. (7.95 mm) thick - more than 25% thicker than 0.25 in. (6.35 mm) - with 7-gauge skirts for geometric strength. Spindle plane is 0.9 in. (22.86 mm) thick in stress zones. Anvil-edge design with 0.5 in. (12.7 mm) reinforcement on front edge of deck.	●	●	●	●	
Blades (MARBAIN®, 1/4-in.)					
(3) 21 in. (53.3 cm) – high-lift blades standard	●		●		
(3) 25 in. (63.5 cm) – high-lift blades standard		●		●	
Sentry™ Spindle Assemblies					
Sentry™ Spindle System, 2.5 cm (approx. 1 in.) O.D. shaft. Double bearings, greasable from top of deck. Spindle head designed to eliminate fiber wrap. 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	●	●	●	●	●
Height Adjustment					
Hydraulic height adjustment	●	●	●	●	●
Cutting Height Range					
1.0 - 5.0 in. (2.5 - 12.7 cm)	●	●	●	●	●
Blade Drive					
Belt drive with single Kevlar® V-belt and 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) 18 in. High-Low Mulching Grass Thrower Blade	●	●	●	●	●
STARTER & ELECTRICAL SYSTEM					
Maintenance-Free Battery/Charging Capacity/Starter					
12 volt/30 amp/relay shift	●	●			
12 volt/20 amp/relay shift			●	●	
Ignition					
Diesel quick heat glow plug	●	●			
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™					
Premier Suspension Seat					
Cordura®-covered seat provides a custom fit for operators. The backrest tilts and includes adjustable lumbar support. Seat also adjusts to operator weight and slides fore and aft. Adjustable, foldable armrests are also standard.	●	●	●	●	●
Operator Protection					
ROPS with seat belt	●	●	●	●	●
Suspension					
InFrame™ suspension with iso-mounted seat and footrest	●	●	●	●	●

MODEL – CUTTING WIDTH	● Standard	400D 61"	400D 72"	440 61"	440 72"
Console-Mounted Instruments					
Low engine oil pressure, combination electronic fuel gauge/hour meter, alternator, two USB charging ports, temperature and parking brake warning lights, engine temperature and volt gauges, ignition, glow plug, hydraulic height adjustment and push/pull PTO switches.	●	●			
Low engine oil pressure, engine code light and parking brake warning lights, electronic fuel gauge/hour meter, two USB charging ports, work light, ignition and push/pull PTO switches.			●	●	
Work Lights					
LED	●	●	●	●	●
TRANSMISSION & STEERING					
Type					
Design-matched G2 hydrostatic system with auxiliary cooling fans, HydroGear variable displacement 21cc piston-type pumps and high-torque Parker wheel motors.	●	●	●	●	●
Filtration/Hydro Fluid					
7 micron absolute, spin-on / Grasshopper CoolTemp Hydro-Max® fluid withstands high and low temperature extremes for 1,000-hour change intervals.	●	●	●	●	●
Speed					
0 - 11.0 mph (0 - 17.7 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-handed operation with QuikAjust Tilt™ dual levers with 9-inch adjustment range that automatically return to neutral from either forward or reverse position.	●	●	●	●	●
Brakes					
Dynamic braking through hydrostatic transmission. Disc parking brakes, one for each drive wheel.	●	●	●	●	●
Disc brakes	●	●	●	●	●
Clutch					
Heavy-duty electric MagStop blade clutch/brake	●	●	●	●	●
Temperature Sentry/high temperature clutch cut-out	●	●			
POWER UNIT TIRE SIZES					
Drive Wheels (6-ply rated): 26 x 12-12 turf	●	●	●	●	●
Drive Wheels (4-ply rated): 24 x 12-12 bar tread	○	○	○	○	○
Front Casters: 13 x 6.5-6; rib tread, pneumatic with greasable, double-sealed bearings to protect from grass wrap	●	●	●	●	●
POWER UNIT DIMENSIONS WITH DURAMAX® DECKS					
Mulch or 4XRD Width*/Length: 62.5 in. (158.8 cm) / 87.0 in. (221.0 cm)	●				
Mulch or 4XRD Width*/Length: 73.5 in. (186.7 cm) / 91.5 in. (232.4 cm)		●			
Mulch or 4XRD Width*/Length: 62.5 in. (158.8 cm) / 86.0 in. (218.4 cm)			●		
Mulch or 4XRD Width*/Length: 73.5 in. (186.7 cm) / 90.5 in. (229.9 cm)				●	
*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 down.					
Height (seat back/seat cushion): 50.0 in. (127.0 cm) / 32.0 in. (81.3 cm)		●	●		
Height (seat back/seat cushion): 50.0 in. (127.0 cm) / 34.0 in. (86.4 cm)			●	●	●
Height (ROPS): 70.0 in. (177.8 cm)		●	●	●	●
WEIGHT					
Uncrated**: 1490 lbs. (675.9 kg)				●	
Uncrated**: 1580 lbs. (716.7 kg)			●		
Uncrated**: 1320 lbs. (598.7 kg)				●	
Uncrated**: 1410 lbs. (639.6 kg)					●
**Mulching package kit weights with high-low mulching blades: 61-in. - 36 lbs. (16.3 kg); 72-in. - 44 lbs. (20.0 kg)					