

# 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**

QuikAdjust 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

## 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 21 cc G<sup>2</sup> 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.

QuikAdjust 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:  
[grasshoppermower.com/acres](http://grasshoppermower.com/acres)



► 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
- » Big Boy wide-seat conversion kit
- » Foldable ROPS with seat belt
- » Bar tread, low-pressure tires
- » Michelin® X® Tweel® 24 x 12-12 Airless Turf Tires
- » Michelin® X® Tweel® 13 x 6.5-6 Airless Front Casters
- » Edge-EZE™ edger
- » Shielded sprayer
- » Side discharge control kit
- » Aluminum or Vinyl Sunshade Canopy
- » Yellow beacon light
- » Radiator cleaning wand
- » Engine block heater
- » Air Dam kit - for dry, dusty conditions
- » Filter minder (440)
- » 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](http://grasshoppermower.com/implements). Models may be shown with optional equipment. \*Actual results may vary. † See warranty card for details

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

MODEL – CUTTING WIDTH	● Standard	● 400D	● 400D	● 440	● 440
	○ Option	61"	72"	61"	72"
<b>ENGINE</b>					
<b>Type/Displacement/Cylinders</b>					
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			●	●	
<b>Crankshaft/Cooling System</b>					
Horizontal / Liquid	●	●			
Horizontal / Air			●	●	
<b>Fuel/Capacity</b>					
Diesel - No. 2 / 12 U.S. Gal. (45.4L)	●	●			
Gasoline - unleaded / 12 U.S. Gal. (45.4 l)			●	●	
<b>Air Cleaner</b>					
Heavy-duty, remote-mounted engine air cleaner with replaceable element	●	●	●	●	
Filter Minder	●	●	○	○	
<b>DECKS – Side Discharge or Dedicated 4X Rear Discharge (4XRD)</b>					
<b>Construction (Robotic-welded steel) – Side discharge or optional 4X Rear Discharge</b>					
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.	●	●	●	●	
<b>Blades (MARBAIN®, 1/4-in.)</b>					
(3) 21 in. (53.3 cm) – high-lift blades standard	●		●		
(3) 25 in. (63.5 cm) – high-lift blades standard		●		●	
<b>Sentry™ Spindle Assemblies</b>					
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.	●	●	●	●	
<b>Spindle Housing – 8-in. (20.3 cm)-diameter with 6-bolt pattern</b>					
Machined aluminum	●	●	●	●	
<b>Height Adjustment</b>					
Hydraulic height adjustment	●	●	●	●	
<b>Cutting Height Range</b>					
1.0 – 5.0 in. (2.5 – 12.7 cm)	●	●	●	●	
<b>Blade Drive</b>					
Belt drive with single Kevlar® V-belt and idler arm tensioning	●	●	●	●	
<b>DEDICATED 4X REAR DISCHARGE DECK OPTION - Additional Information</b>					
<b>4th Spindle and Grass Thrower Blade</b>					
Cast iron thrower spindle housing – 5-in. (12.7 cm) -diameter with 4-bolt pattern	●	●	●	●	
(1) 18 in. High-Low Mulching Grass Thrower Blade	●	●	●	●	
<b>STARTER &amp; ELECTRICAL SYSTEM</b>					
<b>Maintenance-Free Battery/Charging Capacity/Starter</b>					
12 volt/30 amp/solenoid shift	●	●			
12 volt/20 amp/solenoid shift			●	●	
<b>Ignition</b>					
Diesel quick heat glow plug	●	●			
Breakerless			●	●	
<b>Interlock System</b>					
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.	●	●	●	●	
<b>ULTIMATE OPERATOR STATION™</b>					
<b>Premier Suspension Seat</b>					
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.	●	●	●	●	
<b>Operator Protection</b>					
ROPS with seat belt	●	●	●	●	
<b>Suspension</b>					
InFrame™ suspension with iso-mounted seat and footrest	●	●	●	●	

MODEL – CUTTING WIDTH	● Standard	● 400D	● 400D	● 440	● 440
	○ Option	61"	72"	61"	72"
<b>Console-Mounted Instruments</b>					
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.				●	●
<b>Work Lights</b>					
LED		●	●	●	●
<b>TRANSMISSION &amp; STEERING</b>					
<b>Type</b>					
Design-matched G <sup>2</sup> hydrostatic system with auxiliary cooling fans, HydroGear variable displacement 21 cc piston-type pumps and high-torque Parker wheel motors.	●	●	●	●	●
<b>Filtration/Hydro Fluid</b>					
7 micron absolute, spin-on / Grasshopper CoolTemp Hydro-Max™ fluid withstands high and low temperature extremes for 1,000-hour change intervals.	●	●	●	●	●
<b>Speed</b>					
0 – 11.0 mph (0 – 17.7 kph) forward	●	●	●	●	●
0 – 6.0 mph (0 – 9.7 kph) reverse	●	●	●	●	●
<b>Turning Radius</b>					
True zero degree, turns within own length with counter-rotating, independently powered drive wheels.	●	●	●	●	●
<b>Steering</b>					
One- or two-handed operation with QuikAdjust Tilt™ dual levers with 9-inch adjustment range that automatically return to neutral from either forward or reverse position.	●	●	●	●	●
<b>Brakes</b>					
Dynamic braking through hydrostatic transmission. Disc parking brakes, one for each drive wheel.	●	●	●	●	●
Disc brakes	●	●	●	●	●
<b>Clutch</b>					
Heavy-duty electric MagStop blade clutch/brake	●	●	●	●	●
Temperature Sentry/high temperature clutch cut-out	●	●			
<b>POWER UNIT TIRE SIZES</b>					
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	●	●	●	●	●
<b>POWER UNIT DIMENSIONS WITH DURAMAX® DECKS</b>					
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)	●	●	●	●	●
<b>WEIGHT</b>					
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)					