

# 400 SERIES LIQUID-COOLED MIDMOUNT™

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



**400 D 1.3L**

61 72

1.3L, 3-cylinder,  
liquid-cooled MaxTorque™  
clean diesel engine  
with horizontal  
crankshaft

Fast and powerful to get the job done on time, every time. Enjoy the power and economy of a Tier 4-compliant, 1.3L Kubota 3-cylinder MaxTorque™ clean diesel engine. 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 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%.

Relative to its power and size, the footprint is compact for transport on trailers and through tighter spaces.

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 the flip of a switch.

Deep-cushioned Premium Comfort Seat featuring CoolTemp Cordura® with lumbar and coil-spring suspension provides all-day comfort. 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 lowers the center of gravity, providing more traction and stability for an enhanced ride. The standard bumper protects the rear of the mower while preserving easy access and removal of the service shield.

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

► DuraMax® deck

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)



## OPTIONS

- » Quik-D-Tatch® PowerVac™ Collection Systems
- » Down Discharge™ mulching packages
- » Dedicated 4X Rear Discharge™ deck
- » Speed-Trimming™ heavy-duty roller
- » DuraGuard™ rear bumper (2 bars)
- » DuraFlex™ suspension forks
- » Extended steering levers
- » Big Boy wide-seat conversion kit
- » Premier suspension seat
- » Foldable ROPS with seat belt
- » Bar tread, low-pressure tires
- » Michelin® X® Tweel® 24x12x12 Airless Turf Tires
- » Michelin® X® Tweel® 13x6.5x6 Airless Front Casters
- » Edge-EZE™ edger
- » Shielded sprayer
- » Side discharge control kit
- » Sunshade Canopy (for ROPS)
- » Yellow beacon light
- » Radiator cleaning wand
- » Engine block heater
- » Air Dam 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.

# LIQUID-COOLED 400 SERIES - SPECIFICATIONS

MODEL - CUTTING WIDTH	400D 61"	400D 72"
<b>ENGINE</b>		
<b>Type/Displacement/Cylinders</b>		
Kubota MaxTorque™ diesel / 77 cu. in. (1.3L) / 3-cyl.	•	•
<b>Crankshaft/Cooling System</b>		
Horizontal / Liquid	•	•
<b>Fuel/Capacity</b>		
Diesel - No. 2 / 12 U.S. Gal. (45.4L)	•	•
<b>Air Cleaner</b>		
Heavy-duty, remote-mounted engine air cleaner with replaceable element and filter minder	•	•
<b>DURAMAX® DECKS</b>		
<b>Construction (Robotic-welded steel)</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	•	
Cast iron		•
<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>STARTER &amp; ELECTRICAL SYSTEM</b>		
<b>Maintenance-Free Battery/Charging Capacity/Starter</b>		
12 volt/40 amp/solenoid shift	•	•
<b>Ignition</b>		
Diesel quick heat glow plug	•	•
<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>Premium Comfort Seat</b>		
Iso-mounted, high-back, deep-cushioned, foam-padded, Cordura®-covered, padded arms/backrest with lumbar support, coil-spring suspension and embroidered Grasshopper logo on seat back.	•	•
Premier Suspension Seat	○	○
<b>Operator Protection</b>		
ROPS with seat belt	•	•
<b>Suspension</b>		
InFrame™ suspension with iso-mounted seat and footrest	•	•
<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.	•	•
<b>Work Lights (Pre-wired)</b>		
LED	•	•

MODEL - CUTTING WIDTH	400D 61"	400D 72"
<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 adjustable Hydra-Smooth™ dual levers 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 (4-ply rated): 26x12.00x12 turf	•	•
Drive Wheels (4-ply rated): 24x12.00x12 bar tread	○	○
Front Casters: 13x6.50x6; rib tread, pneumatic with greasable, double-sealed bearings to protect from grass wrap	•	•
<b>POWER UNIT DIMENSIONS WITH DURAMAX® DECKS</b>		
Mulch & 4XRD Width*/Length: 62.5 in. (158.8 cm) / 86.0 in. (218.4 cm)	•	
Mulch & 4XRD Width*/Length: 73.5 in. (186.7 cm) / 89.5 in. (227.3 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): 47.0 in. (119.4 cm) / 31.5 in. (80.0 cm)	•	•
Height (ROPS): 69.5 in. (176.5 cm)	•	•
<b>WEIGHT</b>		
Uncrated** : 1450 lbs. (657.7 kg)	•	
Uncrated** : 1540 lbs. (698.5 kg)		•
**Mulching package kit weights with high-low mulching blades: 61-in. – 36 lbs. (16.3 kg); 72-in. – 44 lbs. (20.0 kg)		

• Standard ○ Option

For a complete list of trademarks/registered trademarks, visit [grasshoppermower.com/legal](http://grasshoppermower.com/legal).  
Litho in U.S.A. 170??-1219 © 2019 The Grasshopper Company



Featured Model 400D 1.3L with 72-inch DuraMax® deck



The Grasshopper Company • 105 Old U.S. Highway 81  
P.O. Box 637 • Moundridge, KS • 67107 U.S.A.  
T: 620-345-8621 • [grasshoppermower.com](http://grasshoppermower.com)

