

900 SERIES LIQUID-COOLED FRONTMOUNT™

The ultimate Contour-Cut FrontMount™ performer



QuikAdjust Tilt™ levers with 9-in. adjustment range

900 D 1.3L

61 72

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

The 900 Series mowers deliver more power, durability and maneuverability than any mower in their class. They are equipped with a Tier 4-compliant clean diesel engine. Perfect for fleet operations, these mowers combine True ZeroTurn™ maneuverability with a quality cut and versatile performance. DuraMax® decks deliver a manicured cut and let you cover more ground in less time, while a complete line of efficient snow removal and turf renovation implements work year-round.

The horizontal crankshaft configuration with uniform cooling, airflow and internal lubrication adds performance life to the engine.

Robust 21cc G3 pump-and-wheel motor systems are design-matched for Grasshopper mowers. They feature CoolFan™ cooling systems and 7-micron absolute filters. The pumps are driven by a single flat and serpentine, grooved belt. These features ensure smooth and responsive steering, less maintenance and 1,000-hour fluid change intervals.

Excellent weight distribution provides a smoother ride and lighter footprint.

5.5-inch (14-cm) deep DuraMax® contour-cut decks feature anvil-edged design for exceptional durability and easily convert from wide-pattern side discharge to optional mulching or vacuum collection systems. A dedicated rear-discharge deck is also available.

Change cutting height easily on the job with the flip of the PowerFold® switch. Use the same switch to electrically fold up the deck for storage and easy maintenance.

The deep-cushioned Premium Comfort Seat is embroidered with the Grasshopper logo and features CoolTemp Cordura® with lumbar support and coil-spring suspension to keep the operator comfortably in control for all-day comfort. Adjustable cup holders let you tote along your favorite beverage. All models feature an electronic fuel gauge/hour meter on the console and two USB charging ports.

QuikAdjust Tilt™ steering levers with “no tools” adjustment provide a 9-inch (23-cm) range for maximum comfort and fit.

Quickly attach a wide range of seasonal implements with the exclusive QuikConverter™ Implement System to save time and labor on all your jobs. Power units include standard wiring harness for the addition of electric-powered implements.

Mowing speeds up to 17.7 KPH and 2.92 hectares/hr. based on 72" (183-cm) cutting width*
For more details visit:
grasshoppermower.com/acres



► DuraMax® deck

OPTIONS

- » Quik-D-Tatch® PowerVac™ Collection Systems
- » Down Discharge™ mulching packages
- » Dedicated rear-discharge deck
- » Speed-Trimming™ heavy-duty roller
- » Tall Boy extended steering levers
- » Big Boy wide-seat conversion kit
- » Premier suspension seat
- » Full-flotation deck inserts
- » Foldable ROPS with seat belt
- » Turf tread tires
- » Multiple tail wheel options
- » Flat-proof 13 x 6.5-6 tires
- » Michelin® X® Tweel® 24 x 12-12 Airless Turf Tires
- » Michelin® X® Tweel® 13 x 6.5-6 Airless Tail Wheels
- » Michelin® X® Tweel® 13 x 6.5-6 Airless Deck Tires (72")
- » Aluminum or Vinyl Sunshade Canopy
- » Side discharge control kit
- » Air Dam kit
- » Yellow beacon light
- » PowerFold® height adjustment switch
- » Radiator cleaning wand
- » Engine block heater
- » Footrest riser

Be more productive with the addition of a PowerVac™ Collection System or other implements. Ask for specifications or visit grasshoppermower.com/implements. Models may be shown with optional equipment. *Actual results may vary.

900 SERIES LIQUID-COOLED FRONTMOUNT™ - SPECIFICATIONS

MODEL	900D
ENGINE	
Type/Displacement/Cylinders	
Kubota MaxTorque™ diesel / 77.0 cu. in. (1.3L) / 3-cyl.	●
Crankshaft/Cooling System	
Horizontal with uniform cooling, airflow and internal lubrication / Liquid	●
Fuel/Capacity	
Diesel - No. 2 / 8.0 U.S. Gal. (30.3L)	●
Air Cleaner	
Heavy-duty, remote mounted engine air cleaner with replaceable element and filter minder.	●
STARTER & ELECTRICAL SYSTEM	
Maintenance-Free Battery/Charging Capacity/Starter	
12 volt/30 amp/solenoid shift	●
Ignition	
Diesel quick heat glow plug	●
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, multi-density, foam-padded Cordura®-covered, padded foldable arms, padded backrest with lumbar support, coil-spring suspension and embroidered Grasshopper logo on seat back.	●
Premier Suspension Seat	○
Suspension	
InFrame™ suspension	●
Console-Mounted Instruments	
Low engine oil pressure, alternator, temperature and parking brake warning lights, engine temperature and volt gauges, electronic fuel gauge/hour meter, two USB charging ports, work light, ignition, glow plug 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.	●
Operator Protection	
ROPS with seat belt	●
Operator Convenience	
Adjustable cup holder	●
Work Lights	
LED	●
TRANSMISSION & STEERING	
Type	
Rugged, design-matched G3 hydrostatic system with auxiliary cooling fans, HydroGear variable displacement 21cc piston-type pumps and Parker wheel motors. Single serpentine belt for more efficient power transfer to the drive.	●
Transmission Fluid/Filtration	
Grasshopper CoolTemp Hydro-Max™ fluid withstands high and low temperature extremes for 1,000-hour change intervals. / 7 micron absolute, spin-on.	●
Speed	
0 – 17.7 kph (0 – 11.0 mph) forward	●
0 – 9.7 kph (0 – 6.0 mph) reverse	●
Turning Radius	
True zero degree, turns within own length with counter-rotating, independently powered drive wheels. Seat is pivot point.	●
Steering	
One- or two-handed operation with QuikAdjust Tilt™ dual levers with 9-inch comfort range that automatically return to neutral from either forward or reverse position.	●
Hydraulic Deck/Implement Lift switch integrated in right steering lever.	●
Brakes	
Dynamic braking through hydrostatic transmission. Disc parking brakes, one for each drive wheel.	●
Attachment Drive	
Telescoping, splined PTO shaft with two high-speed U-joints, Quik-D-Tatch® coupler and heavy-duty electric MagStop® blade clutch/brake.	●
Temperature Sentry/high temperature clutch cut-out	●
Wiring harness for electric-powered implements	●

MODEL	900D	
POWER UNIT TIRE SIZES		
Drive Wheels (4-ply rated): 24 x 12-12 bar tread, high flotation	●	
Drive Wheels (4-ply rated): 24 x 12-12, turf tread	○	
Tail Wheel: Wide-Stance, Single-Fork, 13 x 6.5-6 rib tread, pneumatic (2)	●	
POWER UNIT DIMENSIONS		
Width: 54.5 in. (138.4 cm)	●	
Length: 70.0 in. (177.8 cm)	●	
Height (ROPS): 69.5 in. (176.5 cm)	●	
Height (seat back/seat cushion): 47.0 in. (119.4 cm)/ 31.5 in. (80.0 cm)	●	
Wheelbase: 54.5 in. (138.4 cm)	●	
WEIGHT		
Uncrated: 1150 lbs. (521.6 kg)	●	
DURAMAX® CONTOUR-CUT DECKS		
Model	3661	3472
Width of cut	61 in. (154.9 cm)	72 in. (182.9 cm)
Width with deflector down	74.5 in. (189.2 cm)	85.5 in. (217.3 cm)
Width with deflector raised	64.0 in. (162.6 cm)	75.0 in. (190.5 cm)
Width (mulching)	62.5 in. (158.8 cm)	73.5 in. (186.7 cm)
Cutting Height*	1.25 to 5.0 in. (3.2 cm to 12.7 cm)	
PowerFold®	●	●
Compatibility		
900D	●	●
Construction (Robotic-welded steel)		
Tubular 2.25 in. x 4 in. boxed members with 0.25 in. gussets. Formed double thickness hardened steel (0.269 in. – 7.6% thicker than 0.25 in. (6.35 mm) truss spindle plane and (3) Sentry™ spindles and a triple-strength upper deck, over 1/2 inch thick in stress zones. Geometrically engineered design with 7 gauge skirts withstands the brunt of commercial mowing.		
Blades† (MARBAIN®, 1/4-in.)		
Tempered, alloy steel	(3) 21 in. (53.3 cm)	(3) 25 in. (63.5 cm)
†High-lift blades standard		
Spindle Assemblies		
2.5 cm (approx. 1 in.) O.D. shaft. Double bearings. Greasable from top of deck.		
Deck spindle cones shield housing and lower bearings from fiber wrap and dirt ingestion. Machined aluminum alloy housing.		
Spindle Housing – 8 in. (20.3 cm)-diameter with 6 bolt pattern		
Machined aluminum	●	●
Blade Drive		
Maintenance-free gearbox with single Kevlar® V-belt and idler arm tensioning.		
Trimability		
(outside of tire to left trim side)	6.25 in. (15.9 cm)	12.25 in. (31.1 cm)
Power Unit/Deck Length		
Deck (mowing position)	112.5 in. (285.8 cm)	120.5 in. (306.1 cm)
Deck (folded up)	94.0 in. (238.8 cm)	107.0 in. (271.8 cm)
Tire Size (4-ply rated): 11 x 4-5 (flat-proof)	●	
Tire Size (4-ply rated): 13 x 6.5-6 (rib tread, pneumatic)		●
Weight Uncrated		
Side Discharge	445 lbs. (201.8 kg)	545 lbs. (247.2 kg)
Mulching Package††	36 lbs. (16.3 kg)	44 lbs. (20.0 kg)
††Mulching package includes high-low mulching blades		

● Standard ○ Option

* 1.25" is reached with the combination of raising deck forks to top position AND moving tractor mounts lower by one set of holes. 5.0" height is reached using High Mow Kit #503289 for 61" deck, or #503287 for 72" deck.

For a complete list of trademarks/registered trademarks, visit grasshoppermower.com/legal.
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