

600 SERIES AIR-COOLED FRONTMOUNT™

Reliable economy to go the distance

LIMITED WARRANTY†
3 YEAR
—UNLIMITED—
COMMERCIAL
LIMITED WARRANTY†
4 YEAR
—800 HRS—
RESIDENTIAL



Standard PowerFold® Electric Deck Lift.
See Page 13 for more info.

623T

48

52

694 cc, Kohler
Command Pro V-Twin OHV
horizontal crankshaft
gasoline engine

A practical solution for your home or business, delivering the agile performance and quality cut only Grasshopper True ZeroTurn™ mowers can provide. Trim while you mow under shrubs and fences and enhance your precision cutting capabilities.

DURABILITY & LONGEVITY

The horizontal crankshaft configuration adds performance life to the engine.

Design-matched T-Drive™ hydrostatic drive systems, with AntiVibe Power Platform®, direct more power to the cutting deck and eliminate vibration. The CoolFan™ hydrostatic pump and filter cooling system partner with wheel motors for smooth, responsive steering and less maintenance with 1,000-hour fluid change intervals.

MANICURED CUT

5.5-inch deep 52-inch DuraMax® contour-cut decks, with anvil-edged design for exceptional durability, and the 4.5-inch deep 48-inch decks easily convert from wide-pattern side discharge to optional mulching or vacuum collection systems.

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

COMFORT & ERGONOMICS

Deep-cushioned Premium Comfort Seat featuring CoolTemp Cordura® with lumbar support and coil-spring suspension keeps the operator comfortably in control for all-day comfort.

ComfortReach™ provides 2 inches of adjustment at the base of the lever for a custom steering fit.

Quickly attach a wide range of seasonal implements with the exclusive QuikConverter™ Implement System to save time and labor on all your jobs.

Mowing speeds up to 8.5 MPH
and 4.02 acres/hr. based on
52" cutting width*
For more details visit:
grasshoppermower.com/acres



● 33 Series deck ■ DuraMax® deck

OPTIONS

- » Quik-D-Tatch® PowerVac™ Collection Systems
- » Down Discharge™ mulching packages
- » Dedicated rear-discharge deck (52")
- » Speed-Trimming™ heavy-duty roller (52")
- » LED work lights
- » Full-flotation deck inserts
- » Taller steering levers
- » QuikAjust Tilt™ steering levers with "no tools" 9-in. comfort range
- » Big Boy wide-seat conversion kit
- » Premier suspension seat
- » Adjustable cup holder
- » Bar tread, low-pressure tires
- » Michelin® X® Tweel® 22 x 11-12 Airless Turf Tires
- » Michelin® X® Tweel® 13 x 6.5-6 Airless Tail Wheels
- » QuikConverter™ implements
- » Yellow beacon light
- » Multiple tail wheel options
- » Performance package including bar tread, low-pressure tires and wide-stance single-fork tail wheels
- » QuikConverter™ implement capability with wiring harness
- » PowerFold® height adjustment switch on armrest
- » Aluminum or Vinyl Sunshade Canopy
- » Side discharge control kit
- » Air Dam kit - for dry, dusty conditions
- » 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. Models may be shown with optional equipment. *Actual results may vary. †See warranty card for details

AIR-COOLED 600 SERIES - SPECIFICATIONS

MODEL	● Standard ○ Option	623T
ENGINE		
Type/Displacement/Cylinders		
Kohler Command Pro / 42.4 cu. in. (694 cc) / V-Twin	●	●
Crankshaft/Cooling System		
Horizontal / Air	●	●
Fuel/Capacity		
Gasoline - unleaded / 4.0 U.S. Gal. (15.1 l)	●	●
Air Cleaner		
Heavy-duty, remote-mounted engine air cleaner with replaceable element	●	●
STARTER & ELECTRICAL SYSTEM		
Maintenance-Free Battery/Charging Capacity/Starter		
12 volt/15 amp/solenoid shift	●	●
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, multi-density, foam-padded Cordura®-covered, padded arms/backrest with lumbar support, coil-spring suspension and embroidered Grasshopper logo on seat back.	●	●
Premier Suspension Seat	○	○
Suspension		
AntiVibe Power Platform® provides vibration-free experience.	●	●
Console-Mounted Instruments		
Low engine oil pressure and parking brake indicator lights, digital hour meter, ignition and push/pull PTO switches. Choke integrated with throttle lever.	●	●
Operator Protection		
Operator Protection Structure (OPS) with seat belt	●	●
Work Lights		
LED	○	○
TRANSMISSION & STEERING		
Type		
T-Drive™ hydrostatic transmission with tandem 12cc Parker pumps-in-reservoir, in-line CoolFan™ for cooling efficiency, design-matched Parker high-torque wheel motors. AntiVibe Power Platform® reduces vibration for the operator.	●	●
Transmission Fluid/Filtration		
Grasshopper CoolTemp Hydro-Max™ fluid withstands high and low temperature extremes for 1,000-hour change intervals. / Integrated, replaceable, high-efficiency, fine-particle filter.	●	●
Speed		
0 - 8.5 mph (0 - 13.7 kph) forward	●	●
0 - 5.5 mph (0 - 8.9 kph) 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 ComfortReach™ adjustable Hydra-Smooth™ dual levers 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.	●	●
Attachment Drive		
Telescoping PTO shaft with two high-speed U-joints, Quik-D-Tatch® coupler and heavy-duty electric MagStop blade clutch/brake.	●	●
POWER UNIT TIRE SIZES		
Drive Wheels: 20 x 10-8, turf tread	●	●
Drive Wheels: 22 x 11-10, turf tread	○	○
Drive Wheels (4-ply rated): 21 x 11-8 bar tread	○	○
Tail Wheel: Single-Fork, 13 x 6.5-6 rib tread, pneumatic	●	●

MODEL	● Standard ○ Option	623T
POWER UNIT DIMENSIONS		
Width: 47.0 in. (119.4 cm)**		
**Add 1.0 in. (2.5 cm) for bar tread tires.		
Length: 61.0 in. (155.0 cm)		
Height (Operator Protective Structure): 63.0 in. (160.0 cm)		
Height (seat back): 43.5 in. (110.5 cm)		
Height (seat cushion): 26.0 in. (66.0 cm)		
Wheelbase: 46.0 in. (116.8 cm)		
WEIGHT		
Uncrated: 750 lbs. (340.2 kg)		
CONTOUR-CUT DECKS - Side Discharge or Dedicated Rear Discharge		
Model	3348	3452/3552R
Width of cut	48 in. (121.9 cm)	52 in. (132.1 cm)
Width with deflector down	61.5 in. (156.2 cm)	65.5 in. (166.5 cm)
Width with deflector folded up	51.0 in. (129.5 cm)	55.0 in. (139.7 cm)
Width - mulching or rear discharge	49.5 in. (125.7 cm)	53.5 in. (135.9 cm)
Cutting Height*	1.25 to 5.0 in. (3.2 cm to 12.7 cm)	
PowerFold®	●	●
Compatibility		
623T	●	●
Construction (Robotic-welded steel)		
Tubular 2.25-in. x 4-in. boxed members with 0.25-in. gussets. Geometrically engineered design with 7-gauge skirts withstands the brunt of commercial mowing. (3) Sentry™ spindles and a triple-strength upper deck, over 0.50-in. thick in stress zones. Anvil-edge design with 0.5 in. (12.7 mm) reinforcement on front edge of deck.	●	●
Formed double thickness hardened steel truss spindle plane is 0.2391-in. - equal to 3-gauge (6.07 mm)	●	●
Formed double thickness hardened steel truss spindle plane is 0.269-in. - 7.6% thicker than 0.25-in. (6.35 mm)	●	●
DuraMax® deck	●	●
Blades (MARBAIN®, 1/4-in. - High-lift blades standard)		
Tempered, alloy steel	(2) 18 in. (45.7 cm) (1) 15 in. (38.1 cm)	(3) 18 in. (45.7 cm)
Sentry™ Spindle Assemblies		
Spindle head designed to eliminate fiber wrap. Machined aluminum housing. 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 - 52-in. deck only)		
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)	3.5 in. (8.9 cm)	2.5 in. (6.4 cm)
Power Unit/Deck Length		
Deck (moving position)	100.0 in. (254.0 cm)	101.0 in. (256.5 cm)
Deck (folded up)	80.0 in. (203.2 cm)	85.5 in. (217.2 cm)
Tire Size (4-ply rated): 9 x 3.5-4 (flat-proof)	●	●
Weight Uncrated		
Side Discharge	290 lbs. (131.5 kg)	370 lbs. (167.8 kg)
Mulching Package (Mulching package includes high-low mulching blades.)	25 lbs. (11.3 kg)	29 lbs. (13.2 kg)

* 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 52" deck.

