



# THE GRASSHOPPER COMPANY

## Grasshopper FrontMount 600 Series – Build Sheet

All Prices Are MSRP Eff 9/01/2023

531623-801 623T/3348PF	\$15,005.00
531623-803 623T/3452PF	\$15,200.00
531623-356 623T/3552PF	\$15,600.00

Discount off MSRP for 600 Series Models: 20%

### Freight/Setup Charges:

Standard Freight Charge \*: \$480.00/mower  
(Rate is for shipping to the 48 contiguous United States, does not include Alaska or Hawaii. Regional rates may vary, please inquire for pricing.)

Add: Implement Freight Charge \*: \$210.00/implement  
(Implements include but not limited to: AERA-vators, Sweepster Brooms, Grass Collectors, Cabs)

Add: Other Implement Freight Charge \*: \$90.00/implement  
(Other implements include but not limited to: snowthrowers, 72" decks, highlift mount kits, canopies)

Add: Special Handling Shielded Sprayers & Turbine Blowers: \$310.00/implement

Add: Mower Setup: \$150.00/mower

Add: Implement Setup: \$150.00/implement

\* Freight charges are for mowers & implements ordered at the same time. Freight rates for implement only orders will be Price-On-Request. Stated freight rates are based on factory discretion. Other freight options are available, please inquire for pricing.

# 600 SERIES AIR-COOLED FRONTMOUNT™

Reliable economy to  
go the distance

LIMITED WARRANTY†

**3 YEAR**

— UNLIMITED HRS —  
**COMMERCIAL**

**4 YEAR**

— 800 HRS —  
**RESIDENTIAL**



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

**623T**

48

52

694cc, Kohler  
Command Pro V-Twin  
OHV 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.

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.

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.

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.

● 33 Series deck    ■ DuraMax® deck

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



## OPTIONS

- » Quik-D-Tatch® PowerVac™ Collection Systems (Pg. 16)
- » Down Discharge™ mulching packages
- » Speed-Trimming™ heavy-duty roller (52") (Pg. 8)
- » LED work lights (Pg. 38)
- » Full-flotation deck inserts (Pg. 13)
- » Taller steering levers
- » QuikAdjust Tilt™ steering levers with "no tools" 9-in. comfort range (Pg. 5)
- » Big Boy wide-seat conversion kit
- » Premier suspension seat (Pg. 5)
- » Adjustable cup holder
- » Bar tread, low-pressure tires
- » Michelin® X® Tweel® 22 x 11-12 Airless Turf Tires (Pg. 38)
- » Michelin® X® Tweel® 13 x 6.5-6 Airless Tail Wheels (Pg. 38)
- » QuikConverter™ implements (Pg. 18)
- » Yellow beacon light (Pg. 21)
- » Multiple tail wheel options (Pg. 12)
- » Performance package including bar tread, low-pressure tires and wide-stance single-fork tail wheels
- » QuikConverter™ implement capability with wiring harness (Pg. 18)
- » PowerFold® height adjustment switch on armrest
- » Aluminum or Vinyl Sunshade Canopy (Pg. 38)
- » Side discharge control kit (Pg. 8)
- » Air Dam kit – for dry, dusty conditions (Pg. 17)

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

# AIR-COOLED 600 SERIES-SPECIFICATIONS

MODEL	623T
<b>ENGINE</b>	
Type/Displacement/Cylinders	
Kohler Command Pro / 42.4 cu. in. (694cc) / V-Twin	●
<b>Crankshaft/Cooling System</b>	
Horizontal / Air	●
<b>Fuel/Capacity</b>	
Gasoline - unleaded / 4.0 U.S. Gal. (15.1 l)	●
<b>Air Cleaner</b>	
Heavy-duty, remote-mounted engine air cleaner with replaceable element	●
<b>STARTER &amp; ELECTRICAL SYSTEM</b>	
<b>Maintenance-Free Battery/Charging Capacity/Starter</b>	
12 volt/15 amp/solenoid shift	●
<b>Ignition</b>	
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>Premium Comfort Seat</b>	
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	○
<b>Console-Mounted Instruments</b>	
Low engine oil pressure and parking brake indicator lights, digital hour meter, ignition and push/pull PTO switches. Choke integrated with throttle lever.	●
<b>Operator Protection</b>	
Operator Protection Structure (OPS)	●
<b>Work Lights</b>	
LED	○
<b>TRANSMISSION &amp; STEERING</b>	
<b>Type</b>	
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.	●
<b>Transmission Fluid/Filtration</b>	
Grasshopper CoolTemp Hydra-Max™ fluid withstands high and low temperature extremes for 1,000-hour change intervals. / Integrated, replaceable, high-efficiency, fine-particle filter.	●
<b>Speed</b>	
0 – 8.5 mph (0 – 13.7 kph) forward	●
0 – 5.5 mph (0 – 8.9 kph) reverse	●
<b>Turning Radius</b>	
True zero degree, turns within own length with counter-rotating, independently powered drive wheels. Seat is pivot point.	●
<b>Steering</b>	
One- or two-handed operation with ComfortReach™ adjustable Hydra-Smooth™ dual levers that automatically return to neutral from either forward or reverse position.	●
<b>Brakes</b>	
Dynamic braking through hydrostatic transmission. Compression parking brake	●
Disc brakes	●
<b>Attachment Drive</b>	
Telescoping PTO shaft with two high-speed U-joints, Quik-D-Tatch® coupler and heavy-duty electric MagStop blade clutch/brake.	●
<b>POWER UNIT TIRE SIZES</b>	
Drive Wheels: 20 x 10-8, 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	●
<b>POWER UNIT DIMENSIONS</b>	
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)	●

MODEL	623T	
WEIGHT		
Uncrated: 750 lbs. (340.2 kg)	●	
CONTOUR-CUT DECKS		
Model	3348	3452
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)	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.	●	●
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.)		
Tempered, alloy steel	(2) 18 in. (45.7 cm) (1) 15 in. (38.1 cm)	(3) 18 in. (45.7 cm)
†High-lift blades standard		
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 (mowing 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††	25 lbs. (11.3 kg)	29 lbs. (13.2 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 52" deck.



Featured Model 623T with 52-inch DuraMax® deck