

## 600 Series Air-Cooled FrontMount™



Moving up to a FrontMount™ mower has never been so profitable.

### Model 616T

- 16 hp, 2-cylinder, B&S Vanguard V-Twin engine
- Exclusive T-Drive™ tandem, pumps-in-reservoir transmission with in-line CoolFan™ cooling system and integrated, replaceable, high-efficiency fine-particle filter
- 44- or 48-inch interchangeable DuraMax® decks



Reliable, economical Grasshopper 600 Series mowers can go the distance. Developed with the operator in mind, the FrontMount™ 600 Series is a practical solution for your home or business, delivering the powerful performance and quality cut only Grasshopper True ZeroTurn™ mowers can provide. Front-mounted DuraMax® decks let you trim while you mow under shrubs and fences and enhance your precision cutting capabilities.

- Forward mowing speeds up to 8.5 mph – or up to 4.02 acres per hour – make quick work of any mowing application.
- T-Drive™ and AntiVibe Power Platform™ direct more power to the cutting deck and eliminate vibration for smooth operation and less maintenance.
- High-back, fully padded ComfortZone™ seat keeps operator comfortably in control for more productive mowing.
- Each DuraMax® deck easily converts from side discharge to optional mulching or vacuum collection.



### Standard Features for 600 Series

- Rugged, air-cooled, OHV gasoline engines with horizontal crankshaft and pressure lube
- DuraMax® decks with anvil-edged design for exceptional durability
- High-back, fully padded, vinyl ComfortZone™ seat
- Hydra-Smooth™ dual swing-out adjustable levers
- Work lights
- Disc brakes
- Turf tread tires
- Single-fork tail wheel
- Hour meter on 620T
- QuikConverter™ Implement capability
- T-Drive™ systems with AntiVibe Power Platform™

### Model 620T

- 20 hp, 2-cylinder, Kohler Command V-Twin engine
- Exclusive T-Drive™ tandem, pumps-in-reservoir transmission with in-line CoolFan™ cooling system and integrated, replaceable, high-efficiency fine-particle filter
- Hour meter
- 48- or 52-inch interchangeable DuraMax® decks



### Options for 600 Series

- PowerFold® for 48- and 52-inch DuraMax® decks
- Height adjustment switch on armrest for PowerFold®
- Quik-D-Tatch® PowerVac™ Collection Systems
- Down Discharge™ mulching packages
- CoolTemp Cordura® ComfortZone™ seat with lumbar support
- Extended steering levers
- Big Boy wide-seat conversion kit
- Premier suspension seat
- Full-flotation deck feature
- TrimMaster™ heavy-duty, anti-scalp rollers for 52-inch deck
- Flotation package including low-pressure tires and wide-stance tail wheels for 620T
- ComfortReach™ “no tools” lever adjustment
- Hour meter for 616T
- Bar tread, low pressure tires for 620T
- Dual-fork tail wheels or wide-stance, single-fork tail wheels
- QuikConverter™ Implements
- Yellow beacon light
- Filter minder

Be more productive with the addition of a PowerVac™ Collection System or other implements. Ask for specifications or log on to [grasshoppermower.com](http://grasshoppermower.com).

Models may be shown with optional equipment.

# Air-Cooled 600 Series FrontMount™ Specifications

MODEL	616T	620T
<b>ENGINE</b>		
Type/Horsepower/Cylinders	Briggs & Stratton Vanguard/16 hp/V-Twin	Kohler Command/20 hp/V-Twin
Displacement	29.3 cu. in. (480 cc)	38.1 cu. in. (624 cc)
Crankshaft/Lubrication System		Horizontal/Pressure Lube, Filter
Fuel		Gasoline - unleaded
Fuel Capacity	4.3 U.S. Gal. (16.34 l)	4.3 U.S. Gal. (16.34 l)
Air Filter	Dry element with pre-cleaner	Heavy-duty, cyclonic, remote mounted dual air cleaner with replaceable element.
Muffler		Ultra-quiet, single, industrial type.
<b>DECK COMPATIBILITY</b>		
44-inch	•	N/A
48-inch	•	•
52-inch	N/A	•
<b>STARTER &amp; ELECTRICAL SYSTEM</b>		
Maintenance-Free Battery/Starter	12 Volt/remote solenoid	12 Volt/solenoid shift
Ignition	Prevents engine start when PTO clutch is engaged or steering levers are in drive position.	
Interlock System	Allows operator dismount without engine shutdown only when PTO is disengaged and steering levers are locked in neutral.	
<b>ULTIMATE OPERATOR STATION™</b>		
Seat	Iso-mounted, high-back, deep-cushioned, foam-padded, vinyl-covered, padded arms/backrest and coil-spring suspension.	
Console-Mounted Instruments	Parking brake indicator light, work light and ignition switches, choke and push/pull PTO.	
Work Lights		Standard
Hour Meter	Optional	Standard
<b>TRANSMISSION &amp; STEERING</b>		
Type	T-Drive™ hydrostatic system with tandem 12cc Parker Hannifin pumps-in-reservoir, in-line cooling fan and design-matched, high-torque Parker wheel motors.	
Transmission Fluid	Grasshopper Hydro-Max™ synthetic fluid withstands high and low temperature extremes for extended change intervals.	
Filtration	Integrated, replaceable, high-efficiency, fine-particle filter.	
Speed	0 – 8 mph (0 – 12.9 kph) forward 0 – 5.5 mph (0 – 8.8 kph) reverse	0 – 8.5 mph (0 – 13.7 kph) forward 0 – 5.5 mph (0 – 8.8 kph) reverse
Turning Radius	True zero degree, turns within own length with counter-rotating, independently powered drive wheels.	
Steering	One- or two-hand operation with adjustable Hydra-Smooth™ dual levers that automatically return to neutral from either forward or reverse position.	
Brakes	Dynamic braking through hydrostatic transmission/Compression parking brake.	
Attachment Drive	Telescoping PTO shaft with two high-speed U-joints, Quik-D-Tatch® coupler and heavy-duty electric Mag Stop® blade clutch/brake.	
<b>POWER UNIT TIRE SIZE</b>		
Drive Wheels – Standard	20x10.00x8, turf tread	20x10.00x8, turf tread
Drive Wheel Options 4-ply rated	20x8.00x8 turf tread**	21x11.00x8 bar tread
Single Tail Wheel	13x6.50x6 rib tread, tubeless	13x6.50x6 rib tread, tubeless
<b>POWER UNIT DIMENSIONS</b>		
Width	43.0 in. (109.2 cm)	47.0 in. (119.4 cm)*
Length	59.0 in. (149.9 cm)	59.0 in. (149.9 cm)
Height (Operator Protective Structure)	63.0 in. (160.0 cm)	63.0 in. (160.0 cm)
Height (seat back)	43.5 in. (110.5 cm)	43.5 in. (110.5 cm)
Height (seat cushion)	26.0 in. (66.0 cm)	26.0 in. (66.0 cm)
Wheelbase	46.0 in. (116.8 cm)	46.0 in. (116.8 cm)
<b>WEIGHT</b>		
Uncrated	730 lbs. (331.1 kg)	750 lbs. (340.2 kg)

\*Add 1.0 in. (2.5 cm) for bar tread tires.

\*\*Use narrow turf tires with tire chains for snow removal with 616T only. Chains will fit standard turf tires on Model 620T.

## DuraMax® Decks for 600 Series FrontMount™ Models

	44 in. (111.8 cm)	48 in. (121.9 cm)	52 in. (132.1 cm)
<b>WIDTH OF CUT</b>			
COMPATIBILITY	616T	616T & 620T	620T
DECK MODEL	3344	3348	3452
WIDTH w/DEFLECTOR	57.5 in. (146.0 cm)	61.5 in. (156.2 cm)	65.5 in. (166.5 cm)
WIDTH (MULCHING)	45.5 in. (115.6 cm)	49.5 in. (125.7 cm)	53.5 in. (135.9 cm)
CUTTING HEIGHT	1.0 to 5.0 in. (2.5 cm to 12.7 cm)		
POWERFOLD® OPTION	N/A	YES	YES
CONSTRUCTION	Tubular 2.25 in. x 4 in. boxed members with 0.25 in. gussets. Formed double thickness steel (0.269 in. > heavier than 3 gauge) truss spindle plane and (3) Sentry™ spindles with 8-inch spindle flanges, with 6-bolt pattern and a triple-strength upper deck, over 0.5 in. thick in stress zones for superior strength. Geometrically engineered design with 7-gauge skirts withstands the brunt of commercial mowing.		
BLADES*	(3) 15 in. (38.1 cm)	(2) 18 in. (45.7 cm) (1) 15 in. (38.1 cm)	(3) 18 in. (45.7 cm)
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.		
BLADE DRIVE	Maintenance-free gearbox with single Kevlar V-belt and idler arm tensioning.		
TRIMABILITY (Outside of turf tire to left trim side)	0.75 in. (1.9 cm)	5.0 in. (12.7 cm)	4.0 in. (10.2 cm)
<b>POWER UNIT/DECK LENGTH</b>			
Deck (mowing position)	96.5 in. (245.1 cm)	99.0 in. (251.5 cm)	100.0 in. (254.0 cm)
Deck (folded up)	77.5 in. (196.8 cm)	78.0 in. (198.2 cm)	84.0 in. (213.4 cm)
TIRE SIZE (4-ply rated)	9 x 3.50 x 4 (flat-proof)		
<b>WEIGHT UNCRATED</b>			
Side Discharge	260 lbs. (117.9 kg)	290 lbs. (131.5 kg)	370 lbs. (167.8 kg)
Mulching Package/Order #	22 lbs. (10.0 kg)/504565	25 lbs. (11.3 kg)/504566	29 lbs. (13.2 kg)/504567

\*High-lift blades standard.

All specifications and information contained herein are subject to change without notice. Access-Eze, AntiVibe Power Platform, ComfortReach, ComfortZone, CoolFan, Down Discharge, DuraDrive, Edge-EZE, exoSkeletal, FoldUp, FrontMount, Hydra-Smooth, Hydro-Max, InFrame, PowerVac, QuikAdjust, QuikConverter, Sentry, T-Drive, True ZeroTurn, Ultimate Operator Station and View-Eze are trademarks and Grasshopper, the Grasshopper logo, DuraMax, PowerFold, Quik-D-Tatch and Your Next Mower are registered trademarks of the Grasshopper Company. All other products are trademarks or registered trademarks of their respective holders.



**YOUR NEXT MOWER®**

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

The Grasshopper Company • One Grasshopper Trail  
P.O. Box 637 • Moundridge, KS 67107 U.S.A.  
Telephone: 620-345-8621 • FAX: 620-345-2301