

700 Series Air-Cooled FrontMount™



Your fleet has a new powerhouse – Vanguard Big Block.

Model 729BT Big Block

- 29 hp, V-twin OHV Vanguard Big Block engine with horizontal crankshaft for longer engine life
- T⁶ hydrostatic transmission with tandem 16cc Parker Hannifin pumps-in-reservoir, in-line CoolFan™ for cooling efficiency and long service intervals, design-matched Parker high-torque wheel motors



The 700 Series Big Block models handle the big jobs more economically than an underpowered mower, and more easily. The AntiVibe Power Platform™ – which isolates the engine and revolutionary T⁶ drive train from the operator station – provides an unprecedented, vibration-free experience for the operator, eliminating fatigue. And T-Drive™ models are efficient, transmitting more power to the cutting deck or implement to save time and labor on all your jobs.

- Sustained mowing speeds up to 10 mph – or up to 6.55 acres per hour – maintain a superior quality cut for more productive mowing.
- T-Drive™ and AntiVibe Power Platform™ direct more power to the cutting deck and eliminate vibration for smooth operation and less maintenance.
- Ultimate Operator Station™ keeps operator comfortably in control at faster mowing speeds with less fatigue.
- Each DuraMax® deck is specifically designed to convert from side discharge to optional mulching or vacuum collection.



Standard Features for 700 Series

- Powerful, air-cooled, OHV gasoline engines with horizontal crankshaft and pressure lube for smooth, reliable operation
- Heavy-duty, remote-mounted air cleaner with replaceable element
- T⁶ drive system with AntiVibe Power Platform™
- 52-, 61- or 72-inch interchangeable DuraMax® decks with anvil-edged design for exceptional durability
- CoolTemp Cordura® ComfortZone™ seat with lumbar support
- ComfortReach™ dual swing-out levers with “no-tools” lever adjustment
- Work lights
- 8-gallon fuel tank for additional mowing capacity
- Bar tread, low-pressure tires
- Single-fork tail wheel
- Disc brakes
- ROPS with adjustable seat belt
- Hour meter
- QuikConverter™ Implement capability

Model 735BT Big Block

- 35 hp, V-twin OHV Vanguard Big Block engine with horizontal crankshaft for longer engine life
- T⁶ hydrostatic transmission with tandem 16cc Parker Hannifin pumps-in-reservoir, in-line CoolFan™ for cooling efficiency and long service intervals, design-matched Parker high-torque wheel motors



Options for 700 Series

- PowerFold® for 52-, 61- and 72-inch DuraMax® decks
- Height adjustment switch on armrest for PowerFold®
- Quik-D-Tatch® PowerVac™ Collection Systems
- Down Discharge™ mulching packages
- Hydraulic deck lift
- 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 and larger decks
- Turf tread tires
- Dual-fork and wide-stance, single- or dual-fork tail wheels
- Foldable ROPS with adjustable seat belt
- 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.

Models may be shown with optional equipment.

Air-Cooled 700 Series FrontMount™ Specifications

MODEL	729BT	735BT
ENGINE		
Type/Horsepower/Cylinders	B&S Vanguard Big Block/29 hp/V-Twin	B&S Vanguard Big Block/35 hp/V-Twin
Displacement	54.6 cu. in. (895 cc)	60.6 cu. in. (993 cc)
Crankshaft /Lubrication System	Horizontal/Pressure Lube, Filter	
Fuel	Gasoline - unleaded	
Fuel Capacity	8.0 U.S. Gal. (30.3 l)	
Air Filter	Heavy-duty, cyclonic, remote mounted dual air cleaner with replaceable element.	
Muffler	Ultra-quiet, single, industrial type.	
DECK COMPATIBILITY		
52-inch	•	•
61-inch	•	•
72-inch	•	•
STARTER & ELECTRICAL SYSTEM		
Maintenance-Free Battery/Starter	12 Volt/solenoid shift	
Ignition	Breakerless	
Interlock Switch	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™		
Seat	Iso-mounted, high-back, deep-cushioned, foam-padded, Cordura-covered, padded arms/backrest with lumbar support and coil-spring suspension. Optional Premier suspension seat.	
Console-Mounted Instruments	Low engine oil pressure & parking brake warning lights, hour meter, work light & ignition switches, choke & push/pull PTO switch.	
Work Lights	Standard	
TRANSMISSION & STEERING		
Type	T6 hydrostatic system with tandem 16cc 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 – 10.0 mph (0 – 16.1 kph) forward 0 – 6.0 mph (0 – 9.7 kph) reverse	0 – 10.0 mph (0 – 16.1 kph) forward 0 – 6.0 mph (0 – 9.7 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 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 Mag Stop™ blade clutch/brake.	
POWER UNIT TIRE SIZE		
Drive Wheels (4-ply rated)	22x11.00x10 bar tread, high flotation	22x11.00x10 bar tread, high flotation
Drive Wheel Options (4-ply rated)	22x10.00x10, turf tread	22x10.00x10, tubeless, turf tread
Single Tail Wheel	13x6.50x6 rib tread, tubeless	13x6.50x6 rib tread, tubeless
POWER UNIT DIMENSIONS		
Width	50.0 in. (127.0 cm)	50.0 in. (127 cm)
Length	66.5 in. (168.9 cm)	66.5 in. (168.9 cm)
Height (ROPS)	69.0 in. (175.3 cm)	69.0 in. (175.3 cm)
Height (Seat back/Seat cushion)	46.0 in. (116.8 cm)/30.5 in. (77.5 cm)	46.0 in. (116.8 cm)/30.5 in. (77.5 cm)
Wheelbase	49.5 in. (125.7 cm)	49.5 in. (125.7 cm)
WEIGHT		
Uncrated	915 lbs. (415 kg)	915 lbs. (415 kg)

DuraMax® Decks for 700 Series Air-Cooled FrontMount™ Models

	52 in. (132.1 cm)	61 in. (154.9 cm)	72 in. (182.9 cm)	
WIDTH OF CUT	52 in. (132.1 cm)	61 in. (154.9 cm)	72 in. (182.9 cm)	
COMPATIBILITY	All 700 Series Models	All 700 Series Models	All 700 Series Models	
DECK MODEL	3452	3461	3472	9772
WIDTH w/DEFLECTOR	65.5 in. (166.5 cm)	74.5 in. (189.2 cm)	85.5 in. (227.3 cm)	
WIDTH (MULCHING)	53.5 in. (135.9 cm)	62.5 in. (158.8 cm)	73.5 in. (186.7 cm)	
CUTTING HEIGHT	1.0 to 5.0 in. (2.5 cm to 12.7 cm)			
POWERFOLD® OPTION	YES	YES	Standard	N/A
CONSTRUCTION (Robotic-welded steel)	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* (Tempered, alloy steel)	(3) 18 in. (45.7 cm)	(3) 21 in. (63.5 cm)	(3) 25 in. (63.5 cm)	
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. Cast iron housing.			
BLADE DRIVE	Maintenance-free gearbox with single Kevlar V-belt and idler arm tensioning.			
TRIMABILITY (Outside of tire to left trim side)	1.75 in. (4.4 cm)	9.25 in. (23.5 cm)	14.5 in. (36.8 cm)	
POWER UNIT/DECK LENGTH				
Deck (mowing position)	105.5 in. (268.0 cm)	107.5 in. (273.0 cm)	117.5 in. (298.5 cm)	117.0 in. (297.2 cm)
Deck (folded up)	88.5 in. (224.8 cm)	91.0 in. (231.1 cm)	107.0 in. (271.8 cm)	N/A
TIRE SIZE (4-ply rated)	9 x 3.50 x 4 (flat-proof)		13 x 6.50 x 6 (flat-proof)	13 x 6.50 x 6 (pneumatic)
WEIGHT UNCRATED				
Side Discharge	374 lbs. (169.6 kg)	422 lbs. (191.4 kg)	541 lbs. (245.4 kg)	580 lbs. (263.1 kg)
Mulching Package**/Order #	29 lbs. (13.2 kg)/504567	36 lbs. (16.3 kg)/504569	44 lbs. (20.0 kg)/504571	

* High-lift blades standard.

** Includes hi-lo blades.



YOUR NEXT MOWER®

grasshoppermower.com

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