

700 SERIES LIQUID-COOLED FRONTMOUNT™

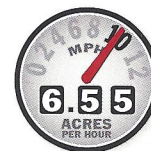
Power and versatility that expand your capabilities – and your profits.



IT'S SO MUCH MOWER®



- Designed for speed and durability, liquid-cooled 700 Series models offer powerful performance to master a wide range of grounds maintenance jobs and give you more opportunities for profit. DuraMax® decks up to 72 inches 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.
- T-Drive™ and AntiVibe Power Platform™ direct more power to the cutting deck and eliminate vibration for smooth operation and less maintenance with 1,000-hour fluid change intervals.
- CoolTemp Cordura® USR™ seat with lumbar support keeps operator comfortably in control for more productive mowing.
- Each DuraMax® deck easily converts from wide-pattern side discharge to optional mulching or vacuum collection.



Forward speeds up to 10 mph – or
up to 6.55 acres per hour – make
quick work of any mowing application.

Model 729T

- 29 hp, 3-cylinder, Kubota MaxTorque™ gasoline engine
- T6® hydrostatic transmission with tandem Parker pumps-in-reservoir, in-line CoolFan™ for cooling efficiency and long service intervals, design-matched Parker high-torque wheel motors
- 52-, 61- or 72-inch interchangeable DuraMax® decks

Model 725DT

- 25 hp, 3-cylinder, Kubota MaxTorque™ Clean Diesel engine; EPA Tier 4 Final-compliant
- T6® hydrostatic transmission with tandem Parker pumps-in-reservoir, in-line CoolFan™ for cooling efficiency and long service intervals, design-matched Parker high-torque wheel motors
- 52-, 61- or 72-inch interchangeable DuraMax® decks

Model 721DT

- 21 hp, 3-cylinder, Kubota Clean Diesel engine; EPA Tier 4 Final-compliant
- T-Drive™ hydrostatic transmission with tandem Parker pumps-in-reservoir, in-line CoolFan™ for cooling efficiency and long service intervals, design-matched Parker high-torque wheel motors
- 52- or 61-inch interchangeable DuraMax® decks

Standard Features for 700 Series

- Powerful, liquid-cooled, OHV engines with horizontal crankshaft and pressure lube for smooth, reliable operation
- Heavy-duty, remote-mounted air cleaner with replaceable element
- T-Drive™ systems with AntiVibe Power Platform™
- Interchangeable DuraMax® decks with anvil-edged design for exceptional durability
- CoolTemp Cordura® Ultimate Suspension Ride (USR™) seat with lumbar support
- ComfortReach™ dual swing-out levers (with QuikAdjust Tilt™ for 725DT and 729DT)
- Temperature sentry/high temperature clutch cut-out
- Work lights
- Foldable armrests for 725DT and 729T
- Adjustable cup holder for 725DT and 729T
- Bar tread, low-pressure tires
- Wide-stance, single-fork tail wheels
- ROPS with adjustable seat belt
- Hour meter
- QuikConverter™ implement capability with implement-ready wiring harness on 725DT and 729T

Options for 700 Series

- PowerFold® for 52- and 61-inch DuraMax® decks (std. on 72-inch decks)
- Height adjustment switch on armrest for PowerFold®
- Quik-D-Tatch® PowerVac™ Collection Systems
- Down Discharge™ mulching packages
- Dedicated rear-discharge decks
- Halogen work lights
- QuikAdjust Tilt™ levers with 9-inch comfort range for 721DT
- Extended steering levers
- Big Boy wide-seat conversion kit
- Premier suspension seat
- Full-flotation deck feature
- Speed-Trimming™ heavy-duty, anti-scalp roller for 52-inch and larger decks
- Adjustable cup holder for 721DT
- Hydraulic deck lift
- Turf tread tires
- Dual-fork and wide-stance, dual-fork tail wheels
- Foldable ROPS with adjustable seat belt
- QuikConverter™ implements
- Yellow beacon light
- Block heater
- Filter minder
- Radiator Cleaning Wand

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.

Liquid-Cooled 700 Series FrontMount™ Specifications

MODEL	721DT	725DT	729T
ENGINE			
Type/Horsepower*/Cylinders	Kubota/21.0 hp/3-cyl.	Kubota MaxTorque™/25 hp/3-cyl.	Kubota MaxTorque™/29 hp/3-cyl.
Displacement	44 cu. in. (722 cc)	54.9 cu. in. (900 cc)	58.7 cu. in. (962 cc)
Crankshaft/Lubrication System		Horizontal/Pressure Lube, Filter	
Fuel		Diesel - No. 2	Gasoline - unleaded
Fuel Capacity	8.0 U.S. Gal. (30.3 l)	8.0 U.S. Gal. (30.3 l)	7.2 U.S. Gal. (27.3 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	N/A	•	•
STARTER & ELECTRICAL SYSTEM			
Maintenance-Free Battery/Starter		12 Volt/solenoid shift	
Ignition		Breakerless, diesel quick heat glow plug.	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 - USR™		Iso-mounted, high-back, deep-cushioned, foam-padded, Cordura-covered, padded arms/backrest with lumbar support and coil-spring suspension (folding armrests and embroidered logo on Models 725DT and 729T). Optional Premier suspension seat.	
Console-Mounted Instruments		Oil, alternator, temperature & parking brake warning lights, hour meter, engine temperature & volt gauges, work light & ignition switches, glow plug & push/pull PTO switch.	Oil, alternator, temp. & parking brake warning lights, hour meter, engine temp. & volt gauges, work light & ignition switches, choke & push/pull PTO switch.
Work Lights		Standard	
TRANSMISSION & STEERING			
Type	T-Drive™ hydrostatic system with tandem 12cc Parker pumps-in-reservoir, in-line cooling fan and design-matched, high-torque Parker wheel motors.	T6® hydrostatic system with tandem 16cc Parker pumps-in-reservoir, in-line cooling fan and design-matched, high-torque Parker wheel motors.	
Transmission Fluid	Grasshopper CoolTemp Hydro-Max™ fluid withstands high and low temperature extremes for 1,000-hour change intervals.		
Filtration	Integrated, replaceable, high-efficiency, fine-particle filter		
Speed	0 - 9.0 mph (0 - 14.5 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	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	22x11.00x10 bar tread, high flotation
Drive Wheel Options (4-ply rated)	22x10.00x10, turf tread	22x10.00x10, turf tread	22x10.00x10, turf tread
Wide-Stance, Single Tail Wheel	13x6.50x6 rib tread, pneumatic (2)	13x6.50x6 rib tread, pneumatic (2)	13x6.50x6 rib tread, pneumatic (2)
POWER UNIT DIMENSIONS			
Width	50.0 in. (127.0 cm)	50 in. (127.0 cm)	50 in. (127.0 cm)
Length	67.0 in. (170.2 cm)	67.0 in. (170.2 cm)	67.0 in. (170.2 cm)
Height (ROPS)	69.0 in. (175.3 cm)	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)	46.0 in. (116.8 cm)/30.5 in. (77.5 cm)
Wheelbase	51.5 in. (130.8 cm)	51.5 in. (130.8 cm)	51.5 in. (130.8 cm)
WEIGHT			
Uncrated	965 lbs. (437.7 kg)	1000 lbs. (453.6 kg)	1000 lbs. (453.6 kg)

* All power levels are stated gross horsepower at 3600 RPM as rated by the engine manufacturer.

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

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	725DT and 729T
DECK MODEL	3452	3461	3472
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
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, 0.9 in. thick in stress zones for superior strength. Geometrically engineered design with 7-gauge skirts withstands the brunt of commercial mowing.		
(Robotic-welded steel)	1/2 in. (12.7 mm) reinforcement on front edge of deck.		
BLADES*	(3) 18 in. (45.7 cm)	(3) 21 in. (63.5 cm)	(3) 25 in. (63.5 cm)
(Tempered, alloy steel)	2.5 cm (approx. 1 in.) O.D. shaft. Double bearings. Greasable from top of deck.		
SPINDLE ASSEMBLIES	Deck spindle cones shield housing and lower bearings from fiber wrap and dirt ingestion.		
	Machined aluminum alloy housing.		
BLADE DRIVE	Maintenance-free gearbox with single Kevlar V-belt and idler arm tensioning.		
TRIMABILITY (Outside of tire to left trim side)	1.0 in. (2.5 cm)	8.5 in. (21.6 cm)	13.75 in. (34.9 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)
DECK (folded up)	88.5 in. (224.8 cm)	91.0 in. (231.1 cm)	104.0 in. (264.2 cm)
TIRE SIZE (4-ply rated)	9 x 3.50 x 4 (flat-proof)		
WEIGHT UNCRAVED			
SIDE DISCHARGE	370 lbs. (167.8 kg)	420 lbs. (190.5 kg)	545 lbs. (247.2 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.
- ** Package includes high-low mulching blades.

All specifications and information contained herein are subject to change without notice. AntiVibe Power Platform, ComfortReach, CoolFan, Down Discharge, FrontMount, Hydra-Smooth, Hydro-Max, MaxTorque, PowerVac, QuikAjust Tilt, QuikConverter, Sentry, T-Drive, Speed-Trimming, Ultimate Suspension Ride and USR are trademarks and Grasshopper, the Grasshopper logo, DuraMax, It's So Much Mower, PowerFold, Quik-D-Tatch and T6 are registered trademarks of The Grasshopper Company. All other products are trademarks or registered trademarks of their respective holders.



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