

## 700 Series Liquid-Cooled FrontMount™



### Power and versatility that expands your capabilities. (And your profits.)

#### Model 721DT

- 21 hp, 3-cylinder, Kubota diesel engine
- T-Drive™ hydrostatic transmission with tandem 12cc Parker-Hannifin 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



Designed for speed and durability, liquid-cooled 700 Series models offer powerful performance to master a wide range of grounds maintenance jobs to 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.

- Forward mowing speeds up to 10 mph – or up to 6.55 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.
- CoolTemp Cordura® ComfortZone™ seat with lumbar support 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 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™
- 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 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

#### Model 725DT

- 25 hp, 3-cylinder, Kubota MaxTorque™ diesel engine
- 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
- 52-, 61- or 72-inch interchangeable DuraMax® decks



#### 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
- 8-gallon fuel tank for additional mowing capacity on 721DT
- Halogen work lights
- 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
- 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

#### Model 729T

- 29 hp, 3-cylinder, Kubota gasoline engine
- 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
- 52-, 61- or 72-inch interchangeable DuraMax® decks



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.

# Liquid-Cooled 700 Series FrontMount™ Specifications

MODEL	721DT	725DT	729T
<b>ENGINE</b>			
Type/Horsepower/Cylinders	Kubota/21.0 hp/3-cyl.	Kubota MaxTorque™/25 hp/3-cyl.	Kubota/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	4.3 U.S. Gal. (16.3 l)	8.0 U.S. Gal. (30.3 l)	8.0 U.S. Gal. (30.3 l)
Optional Fuel Capacity	8.0 U.S. Gal. (30.3 l)	N/A	N/A
Air Filter		Heavy-duty, cyclonic, remote mounted dual air cleaner with replaceable element.	
Muffler		Ultra-quiet, single, industrial type.	
<b>DECK COMPATIBILITY</b>			
52-inch	•	•	•
61-inch	•	•	•
72-inch	N/A	•	•
<b>STARTER &amp; ELECTRICAL SYSTEM</b>			
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.	
<b>ULTIMATE OPERATOR STATION™</b>			
Seat		Iso-mounted, high-back, deep-cushioned, foam-padded, Cordura-covered, padded arms/backrest with lumbar support and coil-spring suspension (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	
<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.	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 – 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.	
<b>POWER UNIT TIRE SIZE</b>			
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, tubeless, turf tread	22x10.00x10, tubeless, turf tread	22x10.00x10, tubeless, turf tread
Single Tail Wheel	13x6.50x6 rib tread, tubeless (2)	13x6.50x6 rib tread, tubeless (2)	13x6.50x6 rib tread, tubeless (2)
<b>POWER UNIT DIMENSIONS</b>			
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	68.5 in. (174.0 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)	49.5 in. (125.7 cm)
<b>WEIGHT</b>			
Uncrated	965 lbs. (437.7 kg)	1000 lbs. (453.6 kg)	1000 lbs. (453.6 kg)

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

	52 in. (132.1 cm)	61 in. (154.9 cm)	72 in. (182.9 cm)	
<b>WIDTH OF CUT</b>	52 in. (132.1 cm)	61 in. (154.9 cm)	72 in. (182.9 cm)	
<b>COMPATIBILITY</b>	All 700 Series Models	All 700 Series Models	725DT and 729T	
<b>DECK MODEL</b>	3452	3461	3472	9772
<b>WIDTH w/DEFLECTOR</b>	65.5 in. (166.5 cm)	74.5 in. (189.2 cm)	85.5 in. (227.3 cm)	
<b>WIDTH (MULCHING)</b>	53.5 in. (135.9 cm)	62.5 in. (158.8 cm)	73.5 in. (186.7 cm)	
<b>CUTTING HEIGHT</b>		1.0 to 5.0 in. (2.5 cm to 12.7 cm)		
<b>POWERFOLD® OPTION</b>	YES	YES	Standard	N/A
<b>CONSTRUCTION</b> (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.			
<b>BLADES*</b> (Tempered, alloy steel)	(3) 18 in. (45.7 cm)	(3) 21 in. (63.5 cm)	(3) 25 in. (63.5 cm)	
<b>SPINDLE ASSEMBLIES</b>	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.			
<b>BLADE DRIVE</b>	Maintenance-free gearbox with single Kevlar V-belt and idler arm tensioning.			
<b>TRIMMABILITY</b> (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)	
<b>POWER UNIT/DECK LENGTH</b>				
<b>Deck (mowing position)</b>	105.5 in. (268.0 cm)	107.5 in. (273.0 cm)	117.5 in. (298.5 cm)	117.0 in. (297.2 cm)
<b>Deck (folded up)</b>	88.5 in. (224.8 cm)	91.0 in. (231.1 cm)	107.0 in. (271.8 cm)	N/A
<b>TIRE SIZE (4-ply rated)</b>	9 x 3.50 x 4 (flat-proof)		13 x 6.50 x 6 (flat-proof)	13 x 6.50 x 6 (pneumatic)
<b>WEIGHT UNCRATED</b>				
<b>Side Discharge</b>	374 lbs. (169.6 kg)	422 lbs. (191.4 kg)	541 lbs. (245.4 kg)	580 lbs. (263.1 kg)
<b>Mulching Package**/Order #</b>	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.

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®**

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