

# AIR-COOLED 700 SERIES - SPECIFICATIONS

MODEL	● Standard	○ Option	725KT	727T	729BT	735BT
<b>ENGINE</b>						
<b>Type/Displacement/Cylinders</b>						
Kohler Command Pro / 45.6 cu. in. (747cc) / V-Twin	●					
Kohler Command Pro, Delphi <sup>®</sup> -based, closed-loop, Electronic Fuel Injection (EFI) / 45.6 cu. in. (747cc) / V-twin		●				
B&S Vanguard Big Block / 54.7 cu. in. (896 cc) / V-Twin				●		
B&S Vanguard Big Block / 60.6 cu. in. (993 cc) / V-Twin						●
<b>Crankshaft/Cooling System</b>						
Horizontal / Air	●	●	●	●	●	●
<b>Fuel/Capacity</b>						
Gasoline - unleaded / 7.2 U.S. Gal. (27.3 l)	●	●	●	●	●	●
<b>Air Cleaner</b>						
Heavy-duty, remote-mounted engine air cleaner with replaceable element	●			●	●	
Heavy-duty cyclonic, remote-mounted engine dual 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	●					
12 volt/20 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 <sup>®</sup> -covered, padded arms/backrest with lumbar support, coil-spring suspension and embroidered Grasshopper logo on seat back.	●	●	●	●	●	●
Premier Suspension Seat	○	○	○	○	○	○
<b>Suspension</b>						
AntiVibe Power Platform <sup>®</sup> provides vibration-free experience.	●	●	●	●	●	●
<b>Console-Mounted Instruments</b>						
Low engine oil pressure and parking brake warning lights, digital hour meter, work light, ignition and push/pull PTO switches. Choke integrated with throttle lever.	●			●	●	
Low engine oil pressure, engine code light and parking brake warning lights, digital hour meter, ignition and push/pull PTO switches.			●			
<b>Operator Protection/Convenience</b>						
ROPS with seat belt	●	●	●	●	●	●
Adjustable cup holder	○	○	○	○	○	○
<b>Work Lights</b>						
LED	○	●	●	●	●	●
<b>TRANSMISSION &amp; STEERING</b>						
<b>Type</b>						
T-Drive™ hydrostatic transmission with tandem 12 cc Parker pumps-in-reservoir, in-line CoolFan™ for cooling efficiency, design-matched Parker high-torque wheel motors.	●					
T <sup>6</sup> hydrostatic transmission with tandem 16 cc Parker pumps-in-reservoir, in-line CoolFan™ for cooling efficiency, design-matched Parker high-torque wheel motors.		●	●	●	●	●
AntiVibe Power Platform <sup>®</sup> reduces vibration for the operator.	●	●	●	●	●	●
<b>Transmission Fluid/Filtration</b>						
Grasshopper CoolTemp Hydro-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 - 9.0 mph (0 - 14.5 kph) forward	●					
0 - 10.0 mph (0 - 16.1 kph) forward		●	●	●	●	●
0 - 6.0 mph (0 - 9.7 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 QuikAdjust Tilt™ dual levers with 9-inch adjustment range that automatically return to neutral from either forward or reverse position.	●	●	●	●	●	●
<b>Brakes</b>						
Dynamic braking through hydrostatic transmission. Disc parking brakes, one for each drive wheel.	●	●	●	●	●	●
<b>Attachment Drive</b>						
Telescoping PTO shaft with two high-speed U-joints, Quik-D-Tatch <sup>®</sup> coupler and heavy-duty electric MagStop blade clutch/brake.	●	●	●	●	●	●
Wiring harness for electric-powered implements	●	●	●	●	●	●

MODEL	● Standard	○ Option	725KT	727T	729BT	735BT
<b>POWER UNIT TIRE SIZES</b>						
Drive Wheels (4-ply rated): 22 x 11-10 bar tread, high flotation	●	●	●	●	●	●
Drive Wheels (4-ply rated): 22 x 11-10, turf tread	○	○	○	○	○	○
Tail Wheel: Wide-Stance, Single-Fork, 13 x 6.5-6 rib tread, pneumatic (2)	●	●	●	●	●	●
Tail Wheel: Single-Fork, 13 x 6.5-6 rib tread, pneumatic	○	○	○	○	○	○
<b>POWER UNIT DIMENSIONS</b>						
Width: 50.0 in. (127.0 cm)	●	●	●	●	●	●
Length: 67.0 in. (170.2 cm)	●	●	●	●	●	●
Height (ROPS): 69.0 in. (175.3 cm)	●	●	●	●	●	●
Height (seat back/seat cushion): 46.0 in. (116.8 cm) / 30.5 in. (77.5 cm)		●				
Height (seat back/seat cushion): 47.0 in. (119.4 cm) / 30.5 in. (77.5 cm)	●		●	●	●	●
Wheelbase: 51.5 in. (130.8 cm)	●	●	●	●	●	●
<b>WEIGHT</b>						
Uncrated: 890 lbs. (403.7 kg)	●					
Uncrated: 915 lbs. (415 kg)				●		
Uncrated: 930 lbs. (421.8 kg)					●	●
<b>DURAMAX<sup>®</sup> CONTOUR-CUT DECKS – Side Discharge or Dedicated Rear Discharge</b>						
<b>Model</b>	<b>Side Discharge/Rear Discharge</b>	<b>3452/3552R</b>	<b>3661/3761R</b>	<b>3472/3572R</b>		
Width of cut		52 in. (132.1 cm)	61 in. (154.9 cm)	72 in. (182.9 cm)		
Width with deflector down		65.5 in. (166.5 cm)	74.5 in. (189.2 cm)	85.5 in. (227.3 cm)		
Width with deflector folded up		55.0 in. (139.7 cm)	64.0 in. (162.6 cm)	75.0 in. (190.5 cm)		
Width - mulching or rear discharge		53.5 in. (135.9 cm)	62.5 in. (158.8 cm)	73.5 in. (186.7 cm)		
Cutting Height*		1.25 to 5.0 in. (3.2 cm to 12.7 cm)				
PowerFold <sup>®</sup>		●	●	●		
<b>Compatibility</b>						
725KT		●	●			
727T		●			●	
729BT		●	●		●	
735BT		●	●		●	
<b>Construction (Robotic-welded steel) – Side discharge or optional Dedicated Rear Discharge</b>						
Tubular 2.25 in. x 4 in. boxed members with 0.25 in. gussets. Formed double thickness hardened steel (0.269 in. - 7.6% thicker than 0.25 in. (6.35 mm) truss spindle plane and (3) Sentry™ spindles and a triple-strength upper deck, over 1/2 in. thick in stress zones. Geometrically engineered design with 7 gauge skirts withstands the brunt of commercial mowing. Anvil-edge design with 0.5 in. (12.7 mm) reinforcement on front edge of deck.						
<b>Blades (MARBAIN<sup>®</sup>, 1/4-in. — High-lift blades standard)</b>						
Tempered, alloy steel		(3) 18 in. (45.7 cm)	(3) 21 in. (53.3 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.						
<b>Spindle Housing – 8 in. (20.3 cm)-diameter with 6 bolt pattern</b>						
Machined aluminum		●	●		●	
<b>Blade Drive</b>						
Maintenance-free gearbox with single Kevlar <sup>®</sup> V-belt and idler arm tensioning.						
<b>Trimability</b>						
(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)		
<b>Power Unit/Deck Length</b>						
Deck (mowing position)		105.5 in. (268.0 cm)	109.5 in. (278.1 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 3.5-4 (flat-proof)		●				
Tire Size (4-ply rated): 11 x 4-5 (flat-proof)			●			
Tire Size (4-ply rated): 13 x 6.5-6 (rib tread pneumatic)					●	
<b>Weight Uncrated</b>						
Side Discharge:		370 lbs. (167.8 kg)	420 lbs. (190.5 kg)	545 lbs. (247.2 kg)		
Mulching Package (Mulching package includes high-low mulching blades.)		29 lbs. (13.2 kg)	36 lbs. (16.3 kg)	44 lbs. (20.0 kg)		
* 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" & 61" decks, or #503287 for 72" deck.						

# LIQUID-COOLED 700 SERIES - SPECIFICATIONS

MODEL	● Standard ○ Option	725DT	729T
<b>ENGINE</b>			
<b>Type/Displacement/Cylinders</b>			
Kubota MaxTorque™ / 54.8 cu. in. (898cc) / 3-cyl.	●		
Kubota MaxTorque™ / 58.7 cu. in. (962cc) / 3-cyl.			●
<b>Crankshaft/Cooling System</b>			
Horizontal / Liquid	●	●	
<b>Fuel/Capacity</b>			
Diesel - No. 2 / 8.0 U.S. Gal. (30.3 l)	●		
Gasoline - unleaded / 7.2 U.S. Gal. (27.3 l)		●	●
<b>Air Cleaner</b>			
Heavy-duty, remote-mounted engine air cleaner with replacement element	●	●	
<b>STARTER &amp; ELECTRICAL SYSTEM</b>			
<b>Maintenance-Free Battery/Charging Capacity/Starter</b>			
12 volt/40 amp/solenoid shift	●	●	
<b>Ignition</b>			
Breakerless			●
Diesel quick heat glow plug	●		
<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	○	○	
Foldable armrests	●	●	
<b>Suspension</b>			
AntiVibe Power Platform® provides vibration-free experience.	●	●	
<b>Console-Mounted Instruments</b>			
Low engine oil pressure, alternator, temperature and parking brake warning lights, engine temperature and volt gauges, electronic fuel gauge/hour meter, two USB charging ports, work light, ignition, glow plug and push/pull PTO switches.	●		
Low engine oil pressure, alternator, temperature and parking brake warning lights, engine temperature and volt gauges, electronic fuel gauge/hour meter, two USB charging ports, work light, ignition and push/pull PTO switches. Choke integrated with throttle lever.			●
<b>Operator Protection</b>			
ROPS with seat belt	●	●	
<b>Operator Convenience</b>			
Adjustable cup holder	●	●	
<b>Work Lights</b>			
LED	●	●	
<b>TRANSMISSION &amp; STEERING</b>			
<b>Type</b>			
T6® hydrostatic transmission with tandem 16 cc 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 Hydro-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 - 10.0 mph (0 - 16.1 kph) forward	●	●	
0 - 6.0 mph (0 - 9.7 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 QuikAdjust™ dual levers with 9-inch adjustment range that automatically return to neutral from either forward or reverse position.	●	●	
<b>Brakes</b>			
Dynamic braking through hydrostatic transmission. Disc parking brakes, one for each drive wheel.	●	●	
<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.	●	●	
Temperature Sentry/high temperature clutch cut-out	●	●	
Wiring harness for electric-powered implements	●	●	

MODEL	● Standard ○ Option	725DT	729T	
<b>POWER UNIT TIRE SIZES</b>				
Drive Wheels (4-ply rated): 22 x 11-10 bar tread, high flotation	●	●		
Drive Wheels (4-ply rated): 22 x 11-10, turf tread	○	○		
Tail Wheel: Wide-Stance, Single-Fork, 13 x 6.5-6 rib tread, pneumatic (2)	●	●		
<b>POWER UNIT DIMENSIONS</b>				
Width: 50.0 in. (127.0 cm)	●	●		
Length: 67.0 in. (170.2 cm)	●	●		
Height (ROPS): 69.0 in. (175.3 cm)	●	●		
Height (seat back/seat cushion): 46.0 in. (116.8 cm) / 30.5 in. (77.5 cm)	●	●		
Wheelbase: 51.5 in. (130.8 cm)	●	●		
<b>WEIGHT</b>				
Uncrated: 1000 lbs. (453.6 kg)	●	●		
<b>DURAMAX® CONTOUR-CUT DECKS - Side Discharge or Dedicated Rear Discharge</b>				
<b>Model</b>	<b>Side Discharge/Rear Discharge</b>	<b>3452/3552R</b>	<b>3661/3761R</b>	<b>3472/3572R</b>
Width of cut		52 in. (132.1 cm)	61 in. (154.9 cm)	72 in. (182.9 cm)
Width with deflector down		65.5 in. (166.5 cm)	74.5 in. (189.2 cm)	85.5 in. (227.3 cm)
Width with deflector raised		55.0 in. (139.7 cm)	64.0 in. (162.6 cm)	75.0 in. (190.5 cm)
Width - mulching or rear discharge		53.5 in. (135.9 cm)	62.5 in. (158.8 cm)	73.5 in. (186.7 cm)
Cutting Height*		1.25 to 5.0 in. (3.2 cm to 12.7 cm)		
PowerFold®		●	●	●
<b>Compatibility</b>				
725DT		●	●	●
729T		●	●	●
<b>Construction (Robotic-welded steel)</b>				
Tubular 2.25 in. x 4 in. boxed members with 0.25 in. gussets. Formed double thickness hardened steel (0.269 in. - 7.6% thicker than 0.25 in. (6.35 mm) truss spindle plane and (3) Sentry™ spindles and a triple-strength upper deck, over 1/2 in. thick in stress zones. Geometrically engineered design with 7 gauge skirts withstands the brunt of commercial mowing. Anvil-edge design with 0.5 in. (12.7 mm) reinforcement on front edge of deck.				
<b>Blades (MARBAIN®, 1/4-in. - High-lift blades standard)</b>				
Tempered, alloy steel		(3) 18 in. (45.7 cm)	(3) 21 in. (53.3 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.				
<b>Spindle Housing - 8 in. (20.3 cm)-diameter with 6 bolt pattern</b>				
Machined aluminum		●	●	●
<b>Blade Drive</b>				
Maintenance-free gearbox with single Kevlar V-belt and idler arm tensioning.				
<b>Trimability</b>				
(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)
<b>Power Unit/Deck Length</b>				
Deck (mowing position)		105.5 in. (268.0 cm)	109.5 in. (278.1 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 3.5-4 (flat-proof)		●		
Tire Size (4-ply rated): 11 x 4-5 (flat-proof)			●	
Tire Size (4-ply rated): 13 x 6.5-6 (rib tread, pneumatic)				●
<b>Weight Uncrated</b>				
Side Discharge:		370 lbs. (167.8 kg)	420 lbs. (190.5 kg)	545 lbs. (247.2 kg)
Mulching Package (Mulching package includes high-low mulching blades.)		29 lbs. (13.2 kg)	36 lbs. (16.3 kg)	44 lbs. (20.0 kg)
* 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" & 61" decks, or #503287 for 72" deck.				



Featured Model 729T with 61-inch DuraMax® deck