

# 700 SERIES AIR-COOLED FRONTMOUNT™

Unexpected power  
when you need it most

QuikAjust Tilt™ levers  
with 9-in. adjustment range



LIMITED WARRANTY†  
**3 YEAR**  
— UNLIMITED HRS —  
COMMERCIAL  
**4 YEAR**  
— 800 HRS —  
RESIDENTIAL

Standard PowerFold® Electric Deck Lift. See Page 13 for more info.

**725 KT**

52 61

747cc, Kohler Command Pro V-Twin OHV gasoline engine

**729 BT  
BIG BLOCK**

52 61 72

896cc, V-Twin OHV Vanguard Big Block gasoline engine

**735 BT  
BIG BLOCK**

61 72

993cc, V-Twin OHV Vanguard Big Block gasoline engine

**727T<sup>EFI</sup>**

52 61 72

747cc, V-Twin Kohler Command Pro, Delphi®-based closed-loop, Electronic Fuel Injection gasoline engine

Powerful and efficient with choices of Vanguard Big Block or Kohler EFI engines with horizontal crankshaft for longer performance life.

For enhanced efficiency, consider the 727T EFI with closed-loop electronic fuel injection. A wide range of benefits include decreased fuel use, reliable hot and cold weather starts, reduced engine exhaust emissions and fewer fuel-related service issues.

Versatile and productive, with power to tackle tough jobs and plenty to spare thanks to the use of exclusive design-matched T-Drive™ and T6® hydrostatic drive systems. The tandem-pump drive train is direct-coupled to the engine to transmit more power to the cutting deck or implement. The innovative AntiVibe Power Platform® isolates the engine and drive system from the operator station providing an unprecedented, vibration-free environment eliminating fatigue for the operator.

The CoolFan™ hydrostatic pump and filter cooling system partner with wheel motors for smooth, responsive steering and less maintenance with 1,000-hour fluid change intervals.

5.5-inch deep DuraMax® contour-cut decks with anvil-edged design for exceptional durability easily convert from wide-pattern side discharge to optional mulching or vacuum collection systems. A dedicated rear-discharge deck is also available.

Change cutting height easily with the flip of the PowerFold® deck switch. Use the same switch to electrically fold up the deck for storage and easy maintenance.

Deep-cushioned Premium Comfort Seat featuring CoolTemp Cordura® with lumbar support and coil-spring suspension keeps the operator comfortably in control for all-day comfort.

QuikAjust Tilt™ steering levers with “no tools” adjustment provide a 9-inch range for maximum comfort and fit.

Quickly attach a wide range of seasonal implements with the exclusive QuikConverter™ Implement System to save time and labor on all your jobs. Power units include standard wiring harness for the addition of electric-powered implements.

Mowing speeds up to 10 MPH  
and 6.55 acres/hr. based on  
72" cutting width\*  
For more details visit:  
[grasshoppermower.com/acres](http://grasshoppermower.com/acres)



■ DuraMax® deck

## OPTIONS

- » Quik-D-Tatch® PowerVac™ Collection Systems (Pg. 16)
- » Down Discharge™ mulching packages
- » Dedicated rear-discharge deck (Pg. 13)
- » Speed-Trimming™ heavy-duty roller (Pg. 8)
- » Hydraulic deck lift (Pg. 13)
- » LED work lights (725KT) (Pg. 38)
- » Full-flotation deck inserts (Pg. 13)
- » Taller steering levers
- » Big Boy wide-seat conversion kit
- » Premier suspension seat (Pg. 5)
- » Adjustable cup holder
- » Foldable ROPS with seat belt
- » Turf tires
- » Multiple tail wheel options (Pg. 12)
- » Flat-proof 13 x 6.5-6 tires (Pg. 38)
- » Michelin® X® Tweel® 22 x 11-12 Airless Turf Tires (Pg. 38)
- » Michelin® X® Tweel® 13 x 6.5-6 Airless Tail Wheels (Pg. 38)
- » Michelin® X® Tweel® 13 x 6.5-6 Airless Deck Tires (72") (Pg. 38)
- » QuikConverter™ implements (Pg. 18)
- » Aluminum or Vinyl Sunshade Canopy (Pg. 38)
- » Yellow beacon light (Pg. 21)
- » Filter minder (729BT/735BT) (Pg. 38)
- » Air Dam kit – for dry, dusty conditions (Pg. 17)
- » QuikConverter™ implement capability with wiring harness (Pg. 18)
- » PowerFold® height adjustment switch on armrest
- » Side discharge control kit (Pg. 8)
- » Footrest riser (Pg. 5)

Be more productive with the addition of a PowerVac™ Collection System or other implements. Ask for specifications or visit [grasshoppermower.com/implements](http://grasshoppermower.com/implements). Models may be shown with optional equipment. \*Actual results may vary. †See warranty card for details

# AIR-COOLED 700 SERIES - SPECIFICATIONS

MODEL	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®-based, closed-loop, Electronic Fuel Injection (EFI) / 45.6 cu. in. (747cc) / V-Twin		●		
B&S Vanguard Big Block / 54.7 cu. in. (896cc) / V-Twin			●	
B&S Vanguard Big Block / 60.6 cu. in. (993cc) / 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®-covered, padded arms/backrest with lumbar support, coil-spring suspension and embroidered Grasshopper logo on seat back.	●	●	●	●
Premier Suspension Seat	○	○	○	○
<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.	●			
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 – 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 comfort 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.	●	●	●	●
Wiring harness for electric-powered implements	●	●	●	●

● Standard ○ Option

MODEL	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® CONTOUR-CUT DECKS</b>				
<b>Model</b>	<b>3452</b>	<b>3661</b>	<b>3472</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)	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>				
725KT	●	●		
727T	●	●		●
729BT	●	●		●
735BT		●		●
<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.				
<b>Blades† (MARBAIN®, 1/4-in.)</b>				
Tempered, alloy steel	(3) 18 in. (45.7 cm)	(3) 21 in. (53.3 cm)	(3) 25 in. (63.5 cm)	
†High-lift blades standard				
<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††	29 lbs. (13.2 kg)	36 lbs. (16.3 kg)	44 lbs. (20.0 kg)	
††Mulching package includes high-low mulching blades				
* 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.				