

Zero Turn Mowers

ZST40 & ZST48 Models

Engine Specifications

Engine Manufacture	Kawasaki		Briggs & Stratton	
Mower Model No	ZST40	ZST48	ZST40	ZST48
Horsepower	15	18	17.5	21
Engine Model Type	FR541V	FR600V	N/A	N/A
Charging System	12-volt, 15 amps		12-volt, 9 amps	
Starter	12-volt Electric Starter			
Ignition	Keyed 12 volt electronic system			
Governor	Mechanical			
Fuel Type	Unleaded gasoline with octane rating of 87 or higher			
Oil Cooling	without			
Engine Cooling	Forced air cooled, Fly-wheel fan			
Engine Type	4-stroke OHV, V-twin cylinder, gasoline		4-stroke OHV, single cylinder, gasoline	
Number of Cylinders	2		1	
Displacement	603cc	603cc	501cc	540cc
Compression Ratio	8.1:1	8.1:1	N/A	N/A
Spark Plug No.	BPR4ES (NGK)		N/A	
Oil Capacity with Filter Change	1.8 US quarts (1.7L)		1.5 US qts. (1.4L)	
Oil Type	SAE 10W-30			
Oil Filter Part No.	831-073C		831-091C	831-053C
Fuel Filter Part No.	831-031C		831-031C	
Air Filter Part No.	831-092C		831-093C	831-094C
Pre Filter Part No.	N/A		831-095C	831-096C

Hydrostatic Transaxle Specifications

Mower Model No	ZST40 & ZST48
Transaxle Model Nos.	ZT-2200™
Gear Type	Powdered Metal Gears
Number of Wheel Lugs	4
Traction Drive Type	Dual Hydrostatic Transmission
Hydraulic Motor/Pumps	Two variable displacement, axial piston type.
Hydraulic Motor/Pump Drive	V-belt drive from engine crankshaft
Hydraulic Oil Type	SAE 20W-50 engine oil
Hydraulic Oil Capacity - Per Side	53.3 fl. oz. to fill transaxle

General Specifications

Mower Model No	ZST40	ZST48
Machine Weight		
With Kawasaki Engine	595 lbs	610 lbs.
With Briggs & Stratton Engine	580lbs	600 lbs.
Width of Cut	40"	48"
Cutting Height	1" to 4 1/2" In 1/2" increments	
Trim Capacity (left side)	1 1/2"	5 1/2"
Overall width Chute down	52 1/2"	65 1/2"

Designs, specifications, features and information are subject to change without notice.

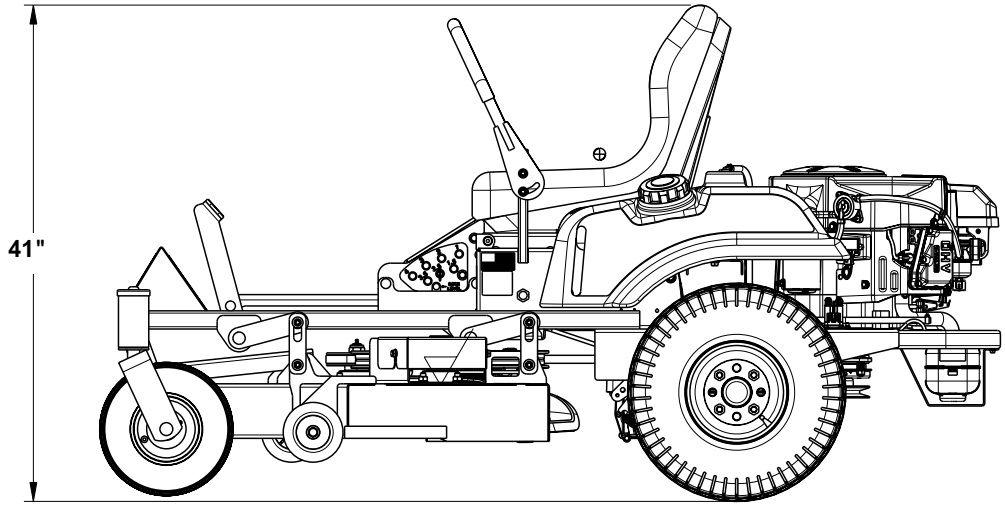
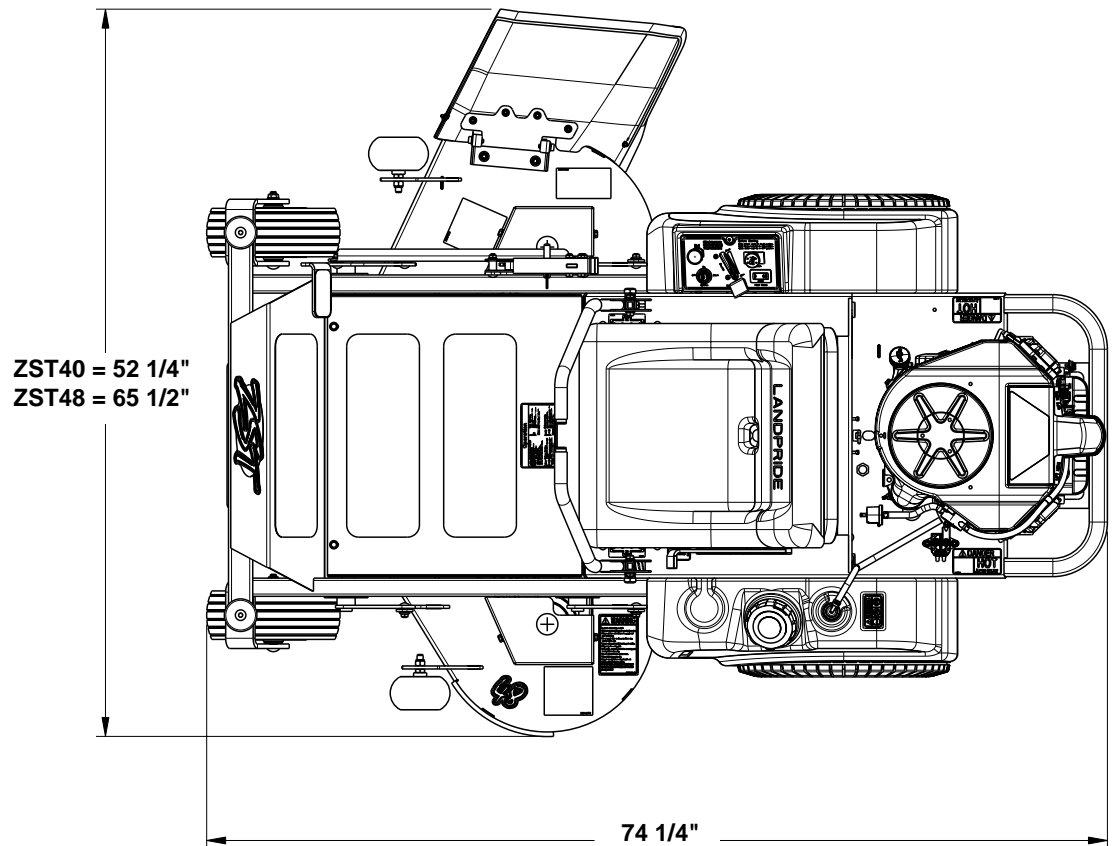
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General Specifications

Mower Model No	ZST40	ZST48
Overall Length	74 1/4"	
Tire-to-tire width:	38"	
Overall Height	41"	
Drive Tires	4-bolt, 18 x 7.5 - 8 Turf Tread	
Front Tires	11 x 4 - 5, Ribbed tread with roller bearings	
Hour Meter	Standard equipment	
Fuel Capacities	3 US GAL	
Steering Type	Hydrostatic Twin lever steering provides independent control of each drive wheel.	
Twin Lever Steering Controls	Speed, forward, reverse, brake, and turns.	
Steering Turning Radius	True zero degree. Turns with counter-rotating independent drive wheels.	
Brake Service	Hydrostatic dynamic braking.	
Park Brake Type	Manual activated over-center lever to pawl over cog wheel.	
Ground Speed	Forward: 0-6 MPH & Reverse: 0-4 MPH	
Motor Drive	Single V-belt with spring take-up idler pulley and electric clutch at engine crankshaft.	
Wheel Drive	Dual integrated hydrostatic transaxle.	
Electrical Operated Logic-Control Safety Features	Electric logic-control system governs blade engagement, forward & reverse motion, engine starting & running, and parking brake functions.	
Evaporative Emission Control System on EPA Compliant Mowers	This equipment uses a sealed fuel system which incorporates a non-vented fuel cap. Evaporative emissions are vented to the engine where they are combusted during normal engine operation.	
Seat	Standard black seat	
Mainframe Construction	Welded steel square tubing	
Front Caster Wheels	Free turning with sealed for life ball bearings.	
Front Caster Fork Construction	3/8" steel.	
Deck Thickness	11 Gauge decks with 11 gauge doubler plate at blade spindle housing mounts	
Reinforced Front Edge	Solid 1" x 3/8" steel bar is incorporated into the deck front to reinforce its front edge.	
	Deck front is bent 90° at the bottom to reinforce its front edge.	
Deck Trim Edges	Solid 1" x 3/8" steel bar for reinforced trim edge.	
Deck Housing Depth	4 3/8" deep, (room for high-capacity mowing)	
Deck Lift	Foot-operated deck height adjustment with deck stop pin for setting height.	
Hand Operated Controls	Ignition switch, throttle lever, control levers, park brake, blade engagement switch and choke knob.	
Indicators	Engine warning light and hour meter for engine run time.	
Cup Holder	One cup holder molded into the left side fender.	
Cutting Height Adjustments	Height adjustment in 1/2" increments from 1" to 4 1/2".	
Mowing Blades	Heavy-duty, heat-treated, medium-lift steel blades	
	(2 ea.) .25" x 2 1/2" x 20.9"	(3 ea.) .25" x 2 1/2" x 16 7/8"
Blade Tip Speed	18,300 FPM	18,700 FPM
Blade Drive	Single B-Section belt drive to all blade spindles with spring loaded take-up idler pulley.	
Blade Spindles	Machined ductile iron housing, 1 3/8" diameter high carbon steel shafts and greasable ball bearings.	
Deck Suspension	Four point suspension from frame by mechanical linkage.	
Number of Anti-Scalp Rollers	1	2

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