

## ► Model 321D-48 & 321D-52 Specifications

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### ENGINE

<b>Type/Horsepower/Cylinders</b>	Kubota, 21 hp, 3-cyl.
<b>Displacement</b>	44 cu. in. (722 cc)
<b>Lubrication System</b>	Pressure Lube/Filter
<b>Crankshaft</b>	Horizontal
<b>Cooling System</b>	Liquid
<b>Fuel</b>	Diesel - No. 2
<b>Fuel Capacity</b>	12 U.S. Gal. (45.4 l)
<b>Optional Fuel Capacity</b>	NA
<b>Air Cleaner</b>	Heavy-duty, cyclonic, remote mounted, with replaceable element.
<b>Muffler</b>	Ultra quiet, single, industrial type.

### DURAMAX® DECKS

<b>DECK</b>	DuraMax
<b>Mulching Package #</b>	504557(48), 504567 (52)
<b>DURAMAX®; DECK SIZE</b>	
– 41" Deck	NA
– 44" Deck	NA
– 48" Deck	*
– 52" Deck	*
– 61" Deck	NA
– 72" Deck	NA

**CUTTING HEIGHT RANGE** 1.0 to 5.0 in. (2.5cm to 12.7 cm)

Formed double thickness hardened 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 1/2 inch thick in stress zones for superior strength. Geometrically engineered design with 7 gauge skirts withstands the brunt of commercial mowing.

<b>BLADES (Tempered, alloy steel)</b>	
– 41" Deck	
– 44" Deck	NA
– 48" Deck	(2) 18 in. (45.7 cm) (1) 15 in. (38.1 cm)
– 52" Deck	(3) 18 in. (45.7 cm)
– 61" Deck	NA
– 72" Deck	NA

2.5 cm (approx. 1 in.) O.D. shaft. Double bearings greasable from top of deck. Spindle head designed to eliminate fiber wrap. Spindle cones shield housing and lower bearings from grass wrap and dirt ingestion.

**SPINDLE HOUSINGS** Machined aluminum housing.

**BLADE DRIVE** Belt drive with single Kevlar V-belt and idler arm tensioning.

<b>TRIMABILITY (Outside of std. tire to left trim side)</b>	
– 41" Deck	NA
– 44" Deck	NA
– 48" Deck	NA
– 52" Deck	NA
– 61" Deck	NA
– 72" Deck	NA

### STARTER & ELECTRICAL SYSTEM

<b>Battery (maintenance-free)</b>		12 Volt
<b>Starter</b>		Solenoid shift
<b>Ignition</b>		Diesel quick heat glow plug
		Prevents engine start when PTO clutch is engaged or steering levers are in drive position.
<b>Interlock System</b>		Allows operator dismount without engine shutdown only when PTO is disengaged and steering levers are locked in neutral.
<b>ULTIMATE OPERATOR STATION</b>		
		Iso-mounted, high-back, deep-cushioned, foam-padded. Cordura-covered, padded arms/backrest with lumbar support and coil-spring suspension. Optional Cordura-covered, sliding adjustable-tension suspension seat.
<b>Seat</b>		
<b>Suspension</b>		InFrame™ suspension
<b>Console-mounted Instruments</b>		Oil, alternator, temperature and parking brake warning lights, engine temperature and volt gauges, glow plug, ignition and push/pull PTO switches.
<b>Work Lights</b>		Optional
<b>Hour Meter</b>		Standard
<b>TRANSMISSION &amp; STEERING</b>		
<b>Type</b>		Design-matched G <sup>2</sup> hydrostatic system, HydroGear variable displacement piston-type pumps and Parker high-torque wheel motors.
<b>Filtration</b>		7 micron absolute, spin-on
<b>Speed</b>		(48) 0 - 9.0 mph (0 - 14.5 kph) forward (52) 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.
<b>Steering</b>		One- or two-hand operation with adjustable HydraSmooth™ dual levers that automatically return to neutral from either forward or reverse position.
<b>Brakes</b>		Dynamic braking through hydrostatic transmission.
<b>Parking Brake</b>		Disc brake, one for each drive wheel.
<b>Attachment Drive</b>		NA
<b>TIRE SIZES</b>		
<b>MidMount</b>		
<b>Drive Wheels - Standard (4-ply rated)</b>	- 41" Deck	NA
	- 44" Deck	NA
	- 48" Deck	23x9.5x12 turf
	- 52" Deck	23x10.50x12 turf
	- 61" Deck	NA
	- 72" Deck	NA
<b>Drive Wheels – Optional (4-ply rated)</b>		NA
<b>Front Wheels – All Models</b>		13x6.50x6 rib tread, tubeless
<b>FrontMount</b>		
<b>Drive Wheels – Standard (4-ply rated)</b>		NA
<b>Drive Wheels – Optional (4-ply rated)</b>		NA

<b>Single Tail Wheel</b>		NA
<b>Wide Stance Single Fork Tail Wheel</b>		NA
<b>Deck Tires (4-ply rated)</b>	– 41" Deck	NA
	– 44" Deck	NA
	– 48" Deck	NA
	– 52" Deck	NA
	– 61" Deck	NA
	– 72" Deck	NA
<b>DIMENSIONS</b>		
<b>Height (Seat Back)</b>		46.5 in. (118.1 cm)
<b>Height (Seat Cushion)</b>		31.0 in. (78.7 cm)
<b>Height (ROPS)</b>		69.0 in. (175.3 cm)
<b>Length (MidMount or FrontMount w/ DuraMax Deck)</b>	– 41" Deck	NA
<b>(Deck in Mowing Position)</b>	– 44" Deck	NA
	– 48" Deck	80.0 in. (203.2 cm)
	– 52" Deck	80.0 in. (203.2 cm)
	– 61" Deck	NA
	– 72" Deck	NA
<b>Length (FrontMount Power Unit + DuraMax Deck)</b>	– 44" Deck	NA
<b>(Deck Raised - Flipped)</b>	– 48" Deck	NA
	– 52" Deck	NA
	– 61" Deck	NA
	– 72" Deck	NA
<b>Deck Width (Side Discharge)</b>	– 41" Deck	NA
	– 44" Deck	NA
	– 48" Deck	61.5 in. (156.2 cm)
	– 52" Deck	65.5 in. (166.4 cm)
	– 61" Deck	NA
	– 72" Deck	NA
<b>Deck Width (Mulch*)</b>	– 41" Deck	NA
	– 44" Deck	NA
	– 48" Deck	49.5 in.* (125.7 cm)
	– 52" Deck	53.5 in.* (135.9 cm)
	– 61" Deck	NA
	– 72" Deck	NA
<b>FrontMount PowerUnit Only (Width/Length)</b>		NA
<b>FrontMount Power Unit (Wheelbase)</b>		NA
<b>WEIGHT - MidMount or FrontMount with DuraMax</b>		
<b>(Uncrated)</b>	– 41" Deck	NA
	– 44" Deck	NA
	– 48" Deck	1210 lbs. (548.8 kg)
	– 52" Deck	1230 lbs. (557.9 kg)
	– 61" Deck	NA
	– 72" Deck	NA
<b>FrontMount Power Unit Only (uncrated)</b>		NA
<b>FrontMount Deck Only - Side Discharge (uncrated)</b>	– 41" Deck	NA
	– 44" Deck	NA
	– 48" Deck	NA
	– 52" Deck	NA
	– 61" Deck	NA
	– 72" Deck	NA

<b>Mulching Package</b>	- 41" Deck	NA
	- 44" Deck	NA
	- 48" Deck	25 lbs. (11.3 kg)
	- 52" Deck	29 lbs. (13.2 kg)
	- 61" Deck	NA
	- 72" Deck	NA

**\* Add 1.5 in. (3.8 cm) to width for side discharge with deflector raised.**

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