

BID SPECIFICATIONS

B3200HSD

(Updated November 13, 2008)

ENGINE	
Make and Model	Kubota, V1505-E3-D24, Interim Tier IV
Type	Liquid Cooled, 4 cylinder diesel E-TVCS indirect injection diesel engine
PTO hp	23.0 hp (17.15 kW) @ 2700 rpm
Engine hp (gross)	32.0 hp (23.9 kW)
Bore and Stroke	3.1" x 3.1" (78 mm x 78.4 mm)
Displacement	91.5 cu in. (1498 cc)
Lubrication	Forced Lubrication
Cooling System	Liquid Cooled with Pressurized Radiator
Radiator Fan	Radial Airflow
Air cleaner	Dual element, paper element
Injection Pump	Inline fuel injection piston type pump with self bleeding fuel system
Fuel Filter	Replaceable cartridge type fuel filter
Oil Filter	Spin on oil filter cartridge
Muffler	Muffler and exhaust pipe fully enclosed
Engine compartment	Fully enclosed and screened engine compartment with easy access hood
Fuel Shutoff	Electric activated engine stop mechanism
CAPACITIES	
Fuel Tank	31 liters (8.1 U.S. gal)
Cooling System	4.5 liters
Engine Oil	5.4 liters
Transmission and Differential	14.5 liters (3.83 U.S. gal)
DRIVE TRAIN	
Front Axle	4 Wheel Drive
Type	Bevel gear cast iron, single piece front axle with fixed tread spacing
Input shaft type	Fully enclosed power transfer from rear to front axle
Clutch	Dry Type, Single Stage
Transmission	Hydrostatic Drive with Three (3) ranges
Cruise control	Standard
Differential Lock	Rear axle
Final Drive	Spur Gear
Brakes	Mechanical, Wet disc type
PTO	
Type	Live
Rear	540 rpm @ 2600 rpm / 1 3/8" SAE
Mid	2500 rpm @ 2578 rpm
Operation	Single or simultaneous operation (dual controls)

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HYDRAULICS	
Type	Open Center
Pump	Dual Gear Pumps
Power Steering	3.22 us/gpm --- 12.2 liters/min --- 2.68 Imp.gals.min
Loader & 3-pt hitch	6.68 us/gpm --- 25.3 liters/min --- 5.57 Imp.gals.min
Loader valve	Standard
3-Point Hitch	Category I
Lift Control Type	Quarter inching valve
Lift Capacity At Lift Points	1655 lbs (750 kg)
24" Behind L.P.	1300 lbs (590 kg)
Lift Arms	Fixed lower link ends, Check chains type stabilizers, Adjustable lifting rod (right side)
Top Link	Standard with top link holder
Drawbar	Adjustable, 2 positions
Steering	Integral type power steering
ELECTRICAL	
Electrical system	12 volt electrical system
Battery (Maintenance Free)	12 volt battery 433 CCA
Alternator (dynamo)	14.5 amp dynamo (Optional 40 amp alternator)
Engine shut-off	Electric Key Shutoff
Cold temperature starting aid	Glow plugs for cold weather starts
Block heater	CSA approved block heater (option)
Gauges	Gauges-fuel/engine temp./engine tachometer/hour meter
Indicator lights	Indicator lights for, Glow plug/Charge/Engine oil pressure
Lights	Two head lights / Fender mounted 4-way flashers / Tail Lights
COOLING SYSTEM	
Radiator	Heavy duty pressurized radiator
Air flow type	Radial air flow
Fan	Suction fan
Cooling system	Positive water pump
Warning	Temperature Gauge
SAFETY EQUIPMENT	
ROPS	Certified foldable ROPS with retractable seat belt (Meets SAE J1194)
Switches	Safety start switches & Operators Presence Control (OPC)
Brakes	Parking brakes
Paint	High visibility paint
SMV	Slow moving vehicle sign
Lights	Head lights and tail lights
	Safety flashers with Turn Signals

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DIMENSIONS (w/std. Tires)				
Height to top of ROPS	89.4" (2270 mm) / Folded 73.7 (1870 mm)			
Length	w/o 3-pt hitch	99.2" (2520 mm)		
	with 3-pt hitch	113.3" (2880 mm)		
Width	53.8" (1366 mm)			
Ground Clearance	14.6" (370 mm)			
Wheelbase	65.6" (1666 mm)			
Turning Radius	with Brake	6.9' (2.1 m)		
	w/o Brake	8.5' (2.6 m)		
Tread Width	Front – 36.8" (935 mm)			
	Rear – 41.3" (1050 mm)			
Weight	1764 lbs (800 kg)			
TRAVELING SPEEDS (at Rated Engine RPM)				
Range	LOW	MEDIUM	HIGH	Note: With standard tires @ rated engine RPM
FORWARD KM/H (mph)	0 – 5.3 (0 - 3.3)	0 – 9.2 (0 – 5.8)	0 – 19.8 (0 – 12.4)	
REVERSE KM/H (mph)	0 – 4.2 (0 – 2.6)	0 – 7.2 (0 – 4.5)	0 – 15.9 (0 – 9.9)	
WHEELS/TIRES				
Type	FRONT		REAR	
Standard	7 - 12 R1 AG (4 Ply)		12.4 - 16 R1 AG (4 Ply)	
Option #1	24 x 8.50 - 14 R3 Turf (4 Ply)		13.6 x - 16 R3 Turf (4 Ply)	
Option #2	23 x 8.50 - 14 R4 Ind		12.4 x 16 R4 Ind	
Option #3	7 - 12 R1 Narrow AG (4 Ply)		8.3 - 24 R1 Narrow AG (4 Ply)	
OTHERS				
The company reserves the right to change specifications without notice				
Specifications are with standard tires				
Permanently installed English instructions, diagrams and warning decals, where required by law to ensure operation and servicing with maximum safety				
MANUALS	Parts and Service manuals are available through Kubota			
WARRANTY	Basic: 24 months, no hour limit			
	Extended Powertrain: 36 months or 2000 hours			
	Powertrain Purchasable: 48 months or 3000 hours with deductible per repair			