

B50 Series

Specifications

ROPS Models



Model	B2650HSD		B3350HSD	
Engine				
Type	E-TVCS, liquid cooled, 3-cylinder diesel		E-TVCS, liquid cooled, 4-cylinder diesel	
Make, Model	D1305-E4-D26-R		V1505-T-E4-D26-R	
PTO horsepower	HP (kW)	19.5 (14.5)	27.0 (20.1)	
Engine gross horsepower*	HP (kW)	26.0 (19.4)	33.0 (24.6)	
Rated RPM	rpm	2500		
Bore and stroke	in. (mm)	3.1 × 3.5 (78 × 88)	3.1 × 3.1 (78 × 78.4)	
Displacement	cu. in. (cc)	77.0 (1261)	91.5 (1498)	
Air cleaner	4.0 inch Dual paper element		4.5 inch Dual paper element	
Lubrication	Forced lubrication			
Cooling system	Pressurized radiator			
Radiator fan	Radial air flow			
Capacities				
Fuel tank	gal (ℓ)	7.3 (27.5)		
Cooling system	qts. (ℓ)	4.5 (4.3)		
Engine oil	qts. (ℓ)	4.2 (4.0)	5.1 (4.8)	
Transmission case	gal (ℓ)	4.0 (15)		
Drive train				
Clutch	N / A			
Transmission	HST (3 ranges)			
Differential lock	Standard			
Final drive	Spur gear			
Brake	Multi-plate wet disc			
PTO				
Type	Independent			
Rear	rpm	540		
Mid	rpm	2500		
Hydraulics				
Type	Open center			
Pump	Dual pump			
Total pump output	gpm (ℓ/min.)	8.7 (33.1)		
Hydraulic outlet	Rear outlet			
3-point hitch	Category I			
Hydraulic control system	Position control valve			
Lift capacity	at lift point	lbs. (kg)	2139 (970)	
	24" behind LP	lbs. (kg)	1676 (760)	
Steering	Hydraulic power steering			
Standard tire size				
Front (Farm)	7-12			
Rear (Farm)	12.4-16			
Traveling speeds				
Forward	mph (km/h)	0-11.9 (0-19.1)	0-14.3 (0-23.0)	
Reverse	mph (km/h)	0-9.5 (0-15.3)	0-11.4 (0-18.4)	
Dimensions				
Overall length (w/o 3P)	in. (mm)	101.2 (2570)		
Overall width (min. tread)	in. (mm)	53.7 (1365)		
Overall height	in. (mm)	88.4 (2245)		
Wheelbase	in. (mm)	65.6 (1666)		
Ground clearance	in. (mm)	14.6 (370)		
Turning radius with brake	feet (m)	6.9 (2.1)		
Weight	lbs. (kg)	1786 (810)	1896 (860)	
Other Features	Cruise control, Tilt-steering, Deluxe seat, Parallel link with damper seat suspension, Lower link stabilizer, Drawbar, Tool box, 12V power socket			

*SAE J1995

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purposes only.

Please contact your local Kubota dealer for warranty information. For your safety, Kubota strongly recommends the use of a Rollover Protective Structure (ROPS) and seat belt in almost all applications. For complete operational information, the operator's manual should be consulted.

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Implements

Backhoe



Model		BH77
Transport height	in.(mm)	80.7 (2051)
Stabilizer spread - transport	in.(mm)	51.8 (1315)
Ground clearance	in.(mm)	12.6 (319)
Digging Depth 2ft flat bottom	in.(mm)	92.5 (2349)
Operating height fully raised	in.(mm)	119.2 (3029)
Loading height (Length of dipper cyl.=715mm)	in.(mm)	66.7 (1693)
Loading reach (Length of dipper cyl.=715mm)	in.(mm)	50.8 (1290)
Reach from swing pivot	in.(mm)	124.6 (3165)
Swing pivot to rear axle center line	in.(mm)	47.7 (1211)
Angle of departure per SAE J1234	deg.	13.8
Swing arc	deg.	180

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Implements

Loader



Model		LA5345
Maximum Lift Height (to bucket Pivot Pin)	in.(mm)	84.6 (2150)
Clearance with attachment dump	in.(mm)	67.4 (1712)
Maximum Dump Angle	deg.	38.1
Max.Rollback Angle	deg.	28.6
Lift Capacity (pivot pin)	lbs.(kg)	1146 (520)
Lift Capacity (19.7 in. forward)	lbs.(kg)	827 (375)
Breakout Force (pivot pin)	lbs.(kg)	2321 (1053)
Breakout Force (19.7 in. forward)	lbs.(kg)	1691 (767)