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KUBOTA WHEEL LOADERS

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R420S/R520S

Agile, powerful, and ultra-versatile, our compact wheel loaders deliver optimal performance across a wide range of applications.



R20S-SERIES SPECIFICATIONS

	MODEL	R420S		R520S		
		2-Post Canopy	Cab	2-Post Canopy	Cab	
ENGINE	ROPS/FOPS	Kubota D1503-T-PP-1		Kubota V2203-RP		
	MAKE & MODEL	Kubota D1503-T-PP-1		Kubota V2203-RP		
	TYPE	Liquid cooled, 3-Cylinder Diesel		Liquid cooled, 4-Cylinder Diesel		
	HORSEPOWER (SAE Rating)	43.0 @ 2,600 rpm		49.0 @ 2,600 rpm		
DIMENSIONAL SPECIFICATIONS	DISPLACEMENT	91.4 cu. in.		134.1 cu. in.		
	TURBOCHARGER	YES		NO		
	E-TVCS	YES		YES		
	OVERALL HEIGHT	A	98.8"	103.5"	101.5"	106.5"
	OVERALL LENGTH (w/ Bucket & Weight)	B	165.8"			184.5"
	OVERALL WIDTH (w/ out Bucket)	C	59.8"			69.3"
	OVERALL OPERATING HEIGHT	D	137.8"			165.0"
	HEIGHT TO HINGE PIN	E	92.7"			10'10.3"
	DUMP ANGLE FULLY RAISED	F	43°			41°
	DUMP HEIGHT	G	74.4"			8'9.2"
	REACH FULLY RAISED	H	30.8"			33.9"
	DIGGING DEPTH	I	2.6"			1.8"
	WHEELBASE	J	69.9"			76.6"
	GROUND CLEARANCE	K	11.3"			12.8"
	TREAD	L	46.5"			53.6"
	ANGLE OF ARTICULATION (Each Way)	M	40°			40°
FRAME OSCILLATION (Each Way)	N	8°			8°	
LIFTING SPECIFICATIONS	TIPPING LOAD STRAIGHT (SAE Rating)					
	with Bucket		4,585 lbs.		5,190 lbs.	
	with Pallet Forks		3,300 lbs.		3,870 lbs.	
	TIPPING LOAD FULL TURN (SAE Rating)					
	with Bucket		3,850 lbs.		4,410 lbs.	
	with Pallet Forks		2,600 lbs.		3,250 lbs.	
	OPERATING LOAD					
	with Bucket		1,925 lbs.		2,205 lbs.	
	with Pallet Forks		1,400 lbs.		1,625 lbs.	
	COUNTER WEIGHT / Standard		1,500 lbs.		2,200 lbs.	
OPERATIONAL SPECIFICATIONS	STANDARD BUCKET CAPACITY		.50 cubic yards		.75 cubic yards	
	BUCKET BREAKOUT FORCE		6,550 lbs.		7,425 lbs.	
	LOADER RAISE TIME		4.24 seconds		4.89 seconds	
	LOADER LOWER TIME		3.11 seconds		3.41 seconds	
	BUCKET DUMP TIME		0.86 seconds		1.11 seconds	
	DRAW BAR PULL		5,500 lbs.		6,170 lbs.	
	LOADER CLEARANCE CIRCLE	O	23'10.6"		26'2.0"	
	OPERATING WEIGHT		7,450 lbs.		8,980 lbs.	
	STANDARD TIRES		12.5/70-16 8-ply		15.5/60-18 8-ply	
	TRANSMISSION		Load Sensing Transmission		Load Sensing Transmission	
DRIVE TRAIN & HYDRAULIC PUMP	NUMBER OF SPEEDS		1 Forward/ 1 Reverse		1 Forward/ 1 Reverse	
	TRAVEL SPEED		0 to 12.5 mph		0 to 12.5 mph	
	w / Travel Speed Limiter On		0 to 3.1 mph		0 to 3.1 mph	
	BRAKES	/ Service	Enclosed, Self Adjusting Wet Disc		Enclosed, Self Adjusting Wet Disc	
	/ Parking		Spring Applied, Hydraulic Released Wet Disc		Spring Applied, Hydraulic Released Wet Disc	
	PUMP TYPE AND OUTPUT					
	/ LST		19.2 gpm @ 4,970 psi		19.2 gpm @ 5,690 psi	
	/ MAIN		11.1 gpm @ 2,700 psi		15.4 gpm @ 2,700 psi	
	/ CHARGE		4.5 gpm @ 285 psi		4.5 gpm @ 285 psi	
	AUXILIARY HYDRAULIC FLOW		11.1 gpm front and rear		15.4 gpm front and rear	
FLUID REFILL	FUEL TANK		14.3 gal.		14.3 gal.	
	HYDRAULIC SYSTEM		15.6 gal.		15.6 gal.	
	HYDRAULIC RESERVOIR		11.6 gal.		11.6 gal.	

Specifications subject to change without notice. For your safety, ROPS with a seatbelt is strongly recommended by Kubota in almost all applications.

BACKHOE SPECIFICATIONS

MODEL		R420S/RBK4009S	R520S/RBK5009S
Reach from centerline of swing pivot	A	145.7"	145.7"
Overall operating height	B	126.8"	126.8"
Loading height	C	80.3"	80.3"
Digging depth (2' flat bottom)	D	107.3"	107.3"
Digging depth (Maximum)	E	108.3"	108.3"
Side shift (Each way)	-	19.5"	19.5"
Digging force bucket	-	4,100 lbs.	4,100 lbs.
Digging force dipperstick cylinder	-	2,755 lbs.	2,755 lbs.