



RTV500/R BID SPECIFICATIONS

BID SPECIFICATIONS	
RTV500/RTV500R UTILITY VEHICLE	
ENGINE	
Make and Model	Kubota, G2460-E-UV
Engine Type	OHC, Liquid Cooled, 4-Cycle, Gasoline, EFI
Fuel Type	Gasoline (regular)
SAE net horsepower	15.8 hp @ 3600 rpm
Maximum torque	23.9 ft-lbs @ rpm
Rated engine speed	3600 rpm
Number of cylinders	Two
Number of cycles	Four
Displacement volume of engine	27.8 cu in (456 cc)
Bore x stroke of engine	2.72 x 2.40 in
Compression ratio	9.2 to 1
Type of cooling system	Liquid Cooled w/ Pressurized Radiator
Type of air cleaner	Dry, Paper Filter w/ Cyclone Precleaner
Type of lubrication	Forced Lubrication
Type of oil pump	Trochoidal Pump
Type of oil filter	Replaceable Treated Paper Element
TRANSMISSION	
Transmission Type	Variable Hydro Transmission (VHT)
Manufacturer	Kubota Corporation
Number of ranges available	Low / High
Forward travel speed	Low: 0 – 12 mph High: 0 – 25 mph
Reverse travel speed	0 – 12 mph
Rear differential lock available	Standard (hand operated)
Type of rear suspension	Semi-Independent, DeDion Axle with Leaf Springs and Hydraulic Shocks
Front Differential Lock Available	N/A
Type of front suspension	Independent, Macpherson Strut Type
Type of parking brake	Rear Wheel, Hand Brake
Type of brake system	Disc Brakes
Wheel drive system	2WD or 4WD
HYDRAULIC SYSTEM	
Type of power steering system	N/A
Hydraulic power source	Transmission
ELECTRICAL SYSTEM	
Type of charging system (dynamo)	Alternator
Charging system capacity	60 amps
Battery voltage x capacity	12 volts x 435 CCA
WARRANTY	
Non-commercial	12 Months
Commercial	



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RTV500, RTV500R (Cont.)	
FLUID CAPACITIES	
Fuel Tank Capacity	5.3 gal
Cooling System Capacity	1.3 qts + .63 qts reserve
Engine Lubricant oil capacity	1.43 qts
Transmission oil capacity	2.38 gal
Hydraulic system capacity	N/A
Front axle differential case capacity	.32 qts
Brake system capacity	.21 qts
DIMENSIONS	
Overall length of base vehicle	105.9"
Overall width of base vehicle	54.7"
Overall height to top of ROPS	72"
Wheelbase	70.9"
Front wheel tread width (center)	40.0"
Rear wheel tread width (center)	41.0"
Minimum ground clearance (front axle)	8.1"
Minimum ground clearance (rear axle)	6.8"
Minimum turning radius	22'
Noise level at operators ear	83 dB(A) @ max speed
Operating weight	1278 lbs
CARGO BOX:	
Cargo box length	33.7"
Cargo box width	40.6"
Cargo box depth	11.4"
Cargo box height from ground	31.0"
Cargo box capacity (volume)	9.0 cu ft
Cargo box capacity (weight)	441 lbs
PAYLOAD CAPACITIES:	
Type of dump system	Manual
Maximum payload capacity	1000 lbs
Maximum towing capacity	1102 lbs