

KUBOTA RTV X900 UTILITY VEHICLE

Specification Detail

Engine

Make	Kubota
Maximum torque	40.4 ft-lbs @ 1800-2200 rpm (5.6 kg-m @ 30.0-36.7 r/s)
Model	D902-E4-UV1
Type	3-Cylinder, 4-cycle, Diesel, OHV
Cooling	Water-Cooled

Cargo Box

Length	40.5 in. (1030 mm)
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Engine

Number of cycles	4-Cycle
Cylinders	3-Cylinder
Bore and stroke	2.83 x 2.90 in. (72 x 73.6 mm)
Displacement	54.8 cu. in. (898 cc)
Horsepower	
Engine gross @ rpm	21.6 Hp (16.1 kw) @ 3200 rpm
Engine net @ rpm	20.6 Hp (15.4 kw) @ 3200 rpm
Lubrication	Forced lubrication
Cooling system	Liquid Cooled w/ Pressurized Radiator
Exhaust/muffler	Muffler with screen-type spark arrestor
Air filter	Paper filter w/ Safety Element
Oil filter	Replaceable Treated Paper Element

Cooling System

Type	Liquid Cooled w/ Pressurized Radiator
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Fuel System

Fuel type	Diesel
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Fluid Capacities

Fuel tank capacity	7.9 gals. (30 l)
Cooling system capacity	4.2 qts (4.0 l)
Engine lubricant oil capacity	3.3 qts (3.1 l)
Transmission oil capacity	2.6 gals. (10 l)
Brake system capacity	0.4 qts. (0.40 l) - DOT 3 Brake Fluid

Chassis, Axle and Brakes

Steering type	Hydrostatic Power Steering
Type of front suspension	Independent, Dual A-arms with adjustable spring preload
Differential lock - Front axle	Front limited slip differential
Type of rear suspension	Independent with coil over shock
Differential lock - Rear axle	Standard, foot operated
Final drive	Shaft Drive
Brake type	Wet-Disk Brakes
Parking brake	Rear Wheel, Hand Brake

Drive Train/Transmission

Transmission type	Variable Hydrostatic Transmission (VHT-X)
Number of ranges	2 Range, Low / High
Main shift lever	Two-speed In-line shift
Control type	Accelerator and brake pedals
Drive wheels	4, 4WD, w/2WD selection

Traveling Speeds (With standard tires)

Maximum traveling speed	
Forward	0 - 25 mph (40 km/h)
Reverse	0 - 12 mph (0 - 20 km/h)

Hydraulic System

Type	Open Center
Main pump	Gear Pump
Power steering pump	Hydrostatic Pump
Total hydraulic flow	5.0 gpm (18.9 l/min.)
Hydraulic remote outlet	Optional, one double acting with float

Electrical

Alternator	Standard
Charging system capacity	60 Amps
Battery voltage x capacity	12 Volts x 540 CCA
Block heater	Optional
Gauges	Engine coolant temperature, fuel guage, hour meter
Easy Checker	Standard
Instrument panel	Glow plugs, oil level, charge status, parking brake indicator
Lights	Two halogen headlights and two brake lights
Optional lights	Worklights, hazard/signal lights, beacon
Horn	Standard

Dimensions

Overall height	79.5 in. (2020 mm)
Overall length	120.3 in. (3055 mm) - no front guard
Overall width	63.2 in. (1605 mm)
Tread width	
Front	48.8in. (1240 mm)
Rear	48.8in. (1240 mm)
Wheelbase	80.5 in. (2045mm)
Ground clearance	Front 10.5 in. (266 mm) / Rear 10.4 in. (263)
Turning radius	
Without brake	13.1 ft. (4 m)
Weight	
Power unit	1907 lbs. (865 kg)

Cargo Box

Width	57.7 in. (1465 mm)
Depth	11.2 in. (285 mm)
Height from ground	34.9 in. (887 mm)
Capacity	
Volume	15.2 cu. ft. (0.43 cu. m)
Weight	1102 lbs. (500 kg)
Cargo box material thickness	14 Gauge, RTP Steel

Payload Capacities

Type of dump system available	Manual
Maximum payload capacity	1664 lbs. (775 kg)
Maximum towing capacity	Front - 650 lbs. (295 kg), Rear - 1300 lbs. (590kg)

Tires

Standard	
Front	25 x 10 - 12 ATV, 6 PLY
Rear	25 x 11 - 12 ATV, 6 PLY
Optional	
Front	25 x 10 - 12 HDWS, 6 PLY
Rear	25 x 10 - 12 HDWS, 6 PLY
Optional 2	
Front	25 x 10 - 12 Turf, 4 PLY
Rear	25 x 10 - 12 Turf, 4 PLY

Safety Equipment

ROPS	SAE J2194, OSHA 1928 ROPS Standard, Rigid
Seat belts	2-point Retractable
Operator's manual storage	Standard
Spark arresting muffler	Standard
Parking brakes	Standard
Grab handles for entry / exit	Standard
Flashers	Optional
Brakes	Standard
Paint	Orange or Real Tree Camo AP
SMV	Optional
Lights	Two 37.5 watt Halogen headlights
Maximum noise level at operators	85 dB(A)

Warranty

Basic	12 Months, No hour limit
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