

BID SPECIFICATIONS	
SVL75-3 COMPACT TRACK LOADER	
KEY SPECIFICATIONS	
Operating Weight	9025 lbs (4100 Kg) Open ROPS, and 9255 lbs (4225 Kg) Enclosed Cab w/AC
Engine Horsepower	74.3 hp (55.4 KW) Gross
Full stroke loader lift capacity	5018 lbs (2276 Kg)
Lift arm cylinder breakout force	4723 lbs (21 kN)
Bucket breakout force	6191 lbs (28 kN)
Reach at full lift and dump	39.6" (1007 mm)
Hinge pin height at max lift	122.7" (3117 mm)
Length X Width X Height	112" X 69.1" X 81.8" (2844 X 1755 X 2078 mm) (length without bucket)
Tipping Load	7112 lbs (3226 Kg)
Rated Operating Capacity @ 35% of Tipping Load	2490 lbs (1129 Kg)
Rated Operating Capacity @ 50% of Tipping Load	3557 lbs (1613 Kg)
ENGINE	
Engine make & model & EPA rating	KUBOTA, model V3307-TE5A, EPA Certified Tier 4
Horsepower Output (SAE J1995 gross)	74.3 hp (55.4 KW) @ 2400 rpm
Horsepower Output (SAE J1349 net)	73.2 hp (54.6 KW) @ 2400 rpm
Peak torque (ft-lb (N m) @ rpm)	203.2 (276) @ 1500 rpm
Number of cylinders and aspiration	4 cyl Turbo
Displacement	203.3 cu-in (3331 cc)
Fuel Consumption 75/100 % Load	2.9/3.86 US gal/h (10.9/14.5 L/h)
Engine Anti Stall Function	Electronic Travel Torque Management – engine stays @ 1500rpm @ full load
Under hood muffler	Standard equipment (spark arrestor is not required on DPF engines)
Dual element cyclonic type air cleaner w/ dust cup	Standard equipment
Fuel / water separator	Standard equipment
Self bleed fuel system	Standard equipment
Sound Level @ ear	89 dB Open ROPS and 78 dB in Enclosed Cab w/AC
OPERATING AREA	
Cab/ROPS/FOPS size and entry	35" (889 mm) wide door opening, easy access, 39" (991 mm) between the shoulders Certified ROPS meets OSHA-1926 & 1001, ISO-3471 - 2008 Certified FOPS meets OSHA-1926 & 1003, ISO3449 - 2005
Suspension Seat	Standard equipment – high back seat, with recliner, for/aft & height adjustable
Loader & Bucket Control	Right hand joy stick control, ISO pattern, contains: Float-function, proportional and directional auxiliary oil flow and two buttons to stop/start hyd oil flow.
Directional Control	Left hand joy stick control, ISO pattern, contains: 2 nd speed switch, horn button, and two buttons to feed electrical power to attachments.
Engine throttle control	One foot and one dial throttle for engine RPM control. Foot throttle and dial throttle are electronically controlled.
Track control	Straight travel is assured with the standard "Shuttle Valve System"; adding to machine stability; particularly needed when hooking up an attachment
Auxiliary hydraulic controls	Standard auxiliary hydraulics are activated by the On-Off switch in the right hand console and an indicator light lit up on the control panel. With the rocker-switch in the joy stick the flow of oil can be controlled in volume and direction.
Control panel	7" LCD monitor with keyless start, rearview camera and radio standard. LCD Monitor provides machine vital signs, maintenances reminders, and settings. Settings allow you to shut off second speed and high flow auxiliary, set user passcodes, turn on travel alarm and set LED light turn off.
Engine controls	Key operated preheat, start and stop. Required preheat period is automatically controlled according to the engine coolant temperature and ambient temperature Engine speed control by separate right-hand throttle lever for set-RPM's and a foot throttle, spring loaded.

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SVL75-3 COMPACT TRACK LOADER (Cont.)	
LOADER PERFORMANCE	
Lift arm path	Vertical
Tipping load	7112 lbs (3226 Kg)
Rated Operating Capacity @ 35% of Tipping Load	2490 lbs (1128 Kg)
Rated Operating Capacity @ 50% of Tipping Load	3557 lb (1613 Kg) (note: 50% rule applies only to wheel loaders, or can only be used for CTL's when working on flat, horizontal, asphalt or concrete surfaces)
Loader Arm breakout force	4723 lbs (21 kN)
Bucket breakout force	6191 lbs (28 kN)
Hinge pin height at max lift	122.7" (3117 mm)
Reach at max lift and dump	39.6" (1007 mm)
Clearance at max lift and dump	94.9" (2409 mm)
Maximum dump angle	38.5°
Maximum rollback angle on ground	27°
Ground clearance	11.7" (296 mm)
Self-leveling bucket at raise	Standard with switch to turn on/off
HYDRAULIC SYSTEM	
Hydraulic pumps	*2 ea. Variable Displacement Piston type Hydrostatic Transmission Pumps. Brand: Kubota for Kubota V3307-TE5A engines only, rated @ 41.5cc/rev - 2.5 cu-in/rev, with 34.5MPa / 5000 psi relief setting, *1 ea. Gear type pump for lift and tilt cylinders with built-in Pilot Pump. Brand: Shimazu, rated @ 30.3cc/rev for Standard Flow Circuitry.
Total flow capacity	19.2 US gpm (72.7 L/min)
Relief valve setting	3555 psi (245 Bar)
Auxiliary hydraulics STD/High (routed to arm)	19.2/29.8 US gpm (72.7/112.8 L/min) = actual measured at QC
Auxiliary relief setting	3185 psi (224.0 Bar)
Hydraulic oil cooler	Standard equipment
Simultaneous loader arm and bucket operation	Standard equipment – Advance Multi-Function Valve
Cushioned bucket cylinder and circuit	Standard equipment
DRIVE SYSTEM	
Track type	Rubber Track, steel-embedded forged inserts, woven wire structure
Traveling speed (2-speed is standard)	9.0/13.7 Km/h (5.6/8.6 mph)
Drive motor type	Two speed axial piston with hydraulic brake
Type of reduction	Two stage planetary final drives
Traction force	9678 lbf (44 kN)
Gradeability	58% / 30 degree Climbing Angle
Track Width	15" (380 mm)
Length of track on ground	56.5" (1435 mm)
Track gauge	53.3" (1354 mm)
Ground pressure	4.7 psi (0.32 Bar)
Track tensioner is grease adjusted	Standard equipment
Front and rear idler	Front idler is double, rear idler is single flange.
Triple flange track rollers per side	4 rollers standard equipment (lifetime sealed & lubricated)

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DIMENSIONS	
Length (w/o bucket)	112" (2844 mm)
Width (w/o bucket)	69.1" (1755 mm)
Width with bucket	68" (1727 mm)
Height to top of cab	81.8" (2078 mm)
Ground clearance	11.7" (296 mm)
COOLANT AND LUBRICANT CAPACITIES	
Fuel reservoir	25.0 US gal (94.6 L)
Coolant	2.6 US gal (10 L)
Engine oil	2.4 US gal (9.0 L)
Hydraulic reservoir	4.3 US gal (16.1 L)
Hydraulic system	12.2 US gal (46 L)
Final Drive	0.3 US gal (1.1 L)
FILTERS	
	Engine oil, spin on type
	Fuel filter, in line and spin on type
	Cyclonic air filter, dual element, inner and outer elements
	Fuel / water separator and fuel tank clean out port
	Hydraulic filters: in-tank strainer & suction screen with high pressure filter and in-line pilot system return filter.
ELECTRICAL	
Engine alternator	12 VDC, 60 amp and 75 amp on Enclosed cab w/AC.
Battery	12 VDC, 85.3 AH (at 5 hr), 900 CCA
Horn	Standard equipment
Work lights	Standard equipment – 2 front & 2 rear
Instrumentation	Regen of DPF indicator light Battery charging warning light Coolant temperature gauge & warning light Engine oil pressure warning lamp & buzzer Fuel level gauge and warning light Fuel/Water separator with Hi-Level warning light Hour meter Pre-heat / Glow Plug control light Float indicator light 2 nd speed indicator light Parking brake light & buzzer Auxiliary hydraulics engaged
OEM BUCKETS	
	72" bucket
	Long/short floor, low/high profile, BoE / tooth-, and Grapple- and 4-N-1 buckets
	Pallet Forks with 48" tines.
	Side cutters are standard on tooth-buckets or straight-edge buckets.

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SVL75-3 COMPACT TRACK LOADER (Cont.)	
SAFETY EQUIPMENT	
Rollover Protective Structure (ROPS)	Meets OSHA 1926.1001 and ISO3471 - 2008
Falling Object Protective Structure (FOPS)	Meets OSHA 1926.1003 and ISO3449 - 2005
Grab handles for entry & exit	Standard equipment
Joystick and travel control lever lockout	Standard equipment
Non-slip surfaces for entry & exit	Standard equipment
Large side protectors	Standard equipment
Retractable seat belt	Standard equipment
Parking brake	Standard equipment
Auxiliary hydraulics on / off switch	Standard equipment
Back Up Travel alarm	Standard equipment
Operator Presence Control	Standard equipment
Tilt Cab hold bracket	Standard equipment
Loader Lock-out bracket	Standard equipment
Covered control switch for Hyd quick coupler	Standard equipment
Engine – Anti Stall Device	Standard equipment
MANUALS	
	Operator's instruction manual
	Illustrated parts list
	Work shop manual (maintenance)
WARRANTY	
Basic warranty	24 months / 2000 Hours
Rubber track warranty	12 months / 1000 hours (between 600 and 1000 hours parts only)
OPTIONS	
	Hydraulically operated quick coupler
	Special Application Cab Door
	Block Heater
	3" Seat belt
	Rear Door Lock Kit
	Orange rotating beacon or Strobe light
	Air-Ride seat with built-in air compressor, height control and shock absorber
	Fuel Door Lock Kit
	KubotaNow Telematics
	French Labels