



COMPETITIVE COMPARISON

Model		Kubota SVL75-2	Bobcat T595	Bobcat T650	New Holland C232	Deere 323E	CAT 259D
Engine	Engine Brand	Kubota	Doosan	Doosan	FPT	Yanmar	CAT
	Engine Model	V3307-CR-TE4	np	np	F5H FL-463A	4TNV98CT	C3.3B DIT
	Emission	Tier 4	Tier 4	Tier 4	Tier 4	Tier 4	Tier 4
	Emission Solution	DPF	DOC	DOC	PMC	DPF	PMC
	Gross HP (kW) - SAE J1995	74.3 (55.4)	74 (55.2)	74 (55.2)	74 (55.2)	74 (54.8)	74.3 (55.4)
	Peak Torque - lb-ft (N-m)	196 (265)	np	np	232 (314)	207 (280)	np
	Displacement cu in(L)	203 (3.3)	147.4 (2.4)	147.4 (2.4)	207 (3.4)	203 (3.3)	203 (3.3)
	Cylinders	4	4	4	4	4	4
Aspiration	Turbo	Turbo	Turbo	Turbo	Turbo	Turbo	
Loader Specification	Geometry	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
	Tipping Load lbs (kg)	6570 (2980)	6285 (2850)	7343 (3331)	6400 (2902)	7400 (3360)	5800 (2631)
	Rated Operating Capacity (35% of tipping) lbs (kg)	2300 (1043)	2200 (997)	2570 (1166)	2240 (1018)	2590 (1176)	2030 (921)
	Rated Operating Capacity (50% of tipping) lbs (kg)	3285 (1490)	3142 (1425)	3670 (1665)	3200 (1451)	3700 (1678)	2900 (1315)
	Tip Breakout lbs (kg)	6204 (2814)	4843 (2196)	5885 (2669)	7510 (3406)	7000 (3175)	5035 (2663)
Undercarriage	Lift Breakout lbs (kg)	4766 (2162)	np	np	4840 (2195)	4300 (1950)	np
	Length of track on ground in (mm)	56.5 (1436)	55.2 (1401)	59.0 (1499)	64.5 (1639)	np	59 (1495)
	Track width standard in (mm)	12.6 (320)	12.6 (320)	12.6 (320)	17.7 (450)	12.6 (320)	12.6 (320)
	Track width optional in (mm)	15.0 (380)	15.8 (400)	17.7 (450)	n/a	15.8 (400)	15.7 (400)
	Ground pressure (Rubber track width) psi	5.6	5.7	5.7	4.2	5.7	4.8
	Travel Speed Low mph (km/h)	4.7 (7.5)	7.1 (11.4)	6.6 (10.6)	5.1 (8.2)	6.2 (10)	5.9 (9.5)
	Travel Speed High mph (km/h)	7.1 (11.5)	10.4 (16.7)	10.7 (17.2)	7.6 (12.2)	8.7 (14)	8.5 (13.7)
Hydraulic Systems	Traction Force lbf (kgf)	9678 (4390)	np	np	np	np	np
	Pump Flow Standard gpm (lpm)	17.4 (66)	17.1 (64.7)	23 (87)	24.2 (91.5)	18 (68)	20 (76)
	Pump Flow Optional High Flow gpm (lpm)	29.3 (111)	26.7 (101.1)	30.5 (115.5)	37.6 (142.5)	25 (95)	30 (112)
Dimensions and Capacities	Hydraulic Pressure psi (bar)	3185 (224)	3500 (242)	3500 (242)	3046 (214)	3250 (228)	3335 (230)
	Height to Top of ROPS in (mm)	82 (2083)	77.8 (1976)	81.3 (2065)	80.4 (2043)	80.6 (2050)	83.1 (2111)
	Overall Length with Standard Bucket in (mm)	140.8 (3576)	133 (2979)	136.8 (3474)	142.9 (3631)	136.8 (3470)	127.3 (3233)
	Length w/o Bucket in (mm)	109 (2768)	104.6 (2343)	108.4 (2753)	117.8 (2993)	112 (2850)	137.3 (3486)
	Width over Tracks in (mm)	65.9 (1675)	67.1 (1704)	72.9 (1852)	76 (1930)	71.8 (1820)	69 (1755)
	Width with Standard Bucket in (mm)	72 (1829)	68 (1523)	74 (1880)	78 (1981)	72 (1829)	np
	Dump Clearance at Full Height in (mm)	88.9 (2259)	91.3 (2319)	96.3 (2447)	102.2 (2596)	98.4 (2500)	89.9 (2283)
	Height to Bucket Pin in (mm)	119.1 (3025)	119 (3023)	124 (3149)	131.1 (3330)	122.8 (3120)	121 (3075)
	Reach at Max Dump Height in (mm)	41.7 (1060)	34.9 (886)	34.2 (870)	34.2 (875)	28.5 (720)	23.9 (608)
	Bucket Rollback at Ground degrees	27	30	31	33	32	np
	Max Dump Angle at Full Height degrees	40	42	42	55	42	52
	Rear Angle of Departure	31.5	np	31	32	31.4	35
	Ground Clearance in (mm)	11.7 (296)	7.3 (185.4)	8.1 (206)	9.5 (243)	9.8 (250)	8.9 (226)
	Operating Weight lbs (kg)	9039 (4100)	8055 (3653)	9321 (4228)	9630 (4370)	9440 (4286)	8945 (4057)
	Fuel Tank gal (l)	24.6 (93)	24.75 (93.9)	27.5 (104.5)	25.5 (96.5)	20 (76)	27.7 (105)
Hydraulic Tank gal (l)	9.2 (35)	9.5 (36)	11.0 (41)	6 (22.8)	np	10.3 (39)	

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		COMPETITIVE COMPARISON					
MODEL		Kubota SVL95-2s	Bobcat T770	CAT 299DXHP	Takeuchi TL12	Deere 333E	CASE TV380
Lift	Lift Arm Path	Vertical	Vertical	Vertical	Radial	Vertical	Vertical
	Emission Level	Tier 4 Final	Tier 4 Final	InterimTier4	InterimTier4	InterimTier4	Tier 4 Final
Engine	Engine Model	V3800-TIEF4	D34	Cat C3.8 DIT	V3800-CR-TE4	4TNV94CHT	F5BFL413E
	Manufacture	Kubota	Doosan	Cat	Kubota	Yanmar	FPT
	Horsepower	hp 96.4	92	106	108	97	90
	Peak torque	Nm 347	np	np	375	395	383
	Rated RPM	rpm 2400	2400	np	2400	2500	2500
	Cylinders	each 4	4	4	4	4	4
	Displacement	L 3.769	3.4	3.8	3.769	3.1	3.4
	Bore Stroke	mm 100x120	np	100 x 120	100 x 120	np	99x110
	Hand or Dial/ Foot Throttle	type Dial/Foot	Hand	Hand/Foot	Hand	Hand	Dial/Foot
Performance	Rated Operating Capacities: 50% Tipping Load	lb 4572	4965	4650	4051	4725	3800
	Rated Operating Capacities: 35% Tipping Load	lb 3200	3475	3225	2833	3300	2660
	Tipping Load ISO 14397	lb 9143	9929	9300	8102	9425	7600
	Breakout Force, Tilt Cylinder	lb 7961	5659	7552	8670	13875	7510
	Breakout Force, Lift Arm Cylinder	lb 6742	np	6111	8550	6600	6020
Traction Force	kgf 5524	np	4280	6244	5227	np	
Undercarriage	Track Width - Standard	in (mm) 17.7 (450)	17.7 (450)	17.7 (450)	17.7 (450)	17.7 (450)	17.7 (450)
	Track Width - Optional	in (mm) n/a	12.6 (320)	-	-	15.6 (400)	n/a
	Length of Track on ground	in (mm) 65.6 (1667)	63.7 (1618)	69.6 (1767)	62.8 (1595)	np	64.5 (1638)
	Track Gauge	in (mm) 59.5 (1512)	60.3 (1532)	np	np	np	58.3 (1481)
	Track Rollers (per side)	each 5	5	5	6	5	4
	Independent Bogie Carriage	NA	NA	NA	NA	NA	NA
	Travel Speed Lo	mph 5	6.6	5.2	4.9	5.3	8.2
	Travel Speed Hi	mph 7.3 Std	10.7 Opt	8.4 Std	7.2 Std	7.8 Std	12.2
Ground Pressure	psi 4.4	4.2	5.3	4.6	4.5	4.5	
Hydraulics	Hydraulics self-leveling bucket	Std	Opt	Opt	Std	Opt	Opt
	Loader Hydraulic Flow	GPM (L/min) 24.1 (91.0)	23 (87.1)	23 (87.1)	23.2 (88)	25 (95)	24.2 (91.5)
	Loader Hydraulic Pressure	psi 3495	3495	3335	3045	3452	3050
	Auxiliary Hydraulic Flow Std/HF (Opt)	GPM (L/min) 40 (151)	36.5 (138)	40 (151)	40.4 (153)	34.1 (129)	37.6 (142.5)
Auxiliary Hydraulic Pressure	PSI 3553	3495	4061	3045	3452	3050	
Dimensions and Capacities	Length w/o Bucket	in (mm) 123.5 (3137)	114.3 (2903)	123.5 (3137)	123.5 (3135)	120 (3050)	119.1 (3025)
	Length w/Bucket on ground	in (mm) 154.6 (3929)	141.6 (3597)	151.8(3856)	np	144 (3660)	143.2 (3639)
	Height to Top of Cab	in (mm) 83.3 (2116)	81.3 (2065)	83.7 (2126)	91.3 (2320)	84.6 (2150)	80.4 (2042)
	Vehicle Width	in (mm) 77.2 (1962)	78.0 (1981)	78.0 (1981)	73.2 (1860)	80.7 (2050)	76 (1930)
	Ground Clearance	in (mm) 11.5 (293)	8.1 (206)	9.1 (231)	13.5 (344)	10.2 (260)	9.5 (241)
	Departure Angle	degrees 31	31	30	30	31	32
	Hinge Pin Height at max lift	in 128.5	132	125.6	126.1	126	131.6
	Reach at max lift and dump	in 40.7	33.6	30.6	38.8	32.3	31.4
	Clearance at max lift and dump	in 97.3	104.3	94.3	95.7	102	105.1
	Maximum Dump Angle	degrees 43	42	52	38.7	45	53.5
	Maximum Rollback Angle on Ground	degrees 27	31	np	31.4	35	34.2
	Hydraulic System	gal 18	np	14.5	25	np	11.8
	Hydraulic Tank	gal 10	np	10.3	15.8	np	6
	Fuel Tank	gal 28.8	43.9	32.2	23.8	25.5	25.5
Diesel Exhaust Fluid (DEF)	gal 5	np	NA	NA	NA	2.8	
Operating Weight (ROPS)	lb 11299	10465	11612	11618	11800	10550	

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