

COMPETITIVE COMPARISON

Model	Kubota SCL1000	Bobcat MT100	Bobcat MT85	Toro TX1000	Ditch Witch SK800	Ditch Witch SK1050	
Engine	Engine Brand	Kubota	Kubota	Kubota	Kubota	Yanmar	
	Engine Model	D902-T	D902 E3B	D902 E3B	D1305	D1105	3TNV88C
	Emission	Tier 4	Tier 4	Tier 4	Tier 4	Tier 4	Tier 4
	Emission Solution	N/A	N/A	N/A	N/A	N/A	DPF
	Gross HP (kW) - SAE J1995	24.8 (18.5 kW)	24.8 (18.5 kW)	24.8 (18.5 kW)	24.9 (18.6 kW)	24.8 (18.6kW)	37 (27.6 kW)
	Rated Speed RPM	2800	N/A	N/A	2600	3000	3000
	Displacement cu in(L)	54.8 (.898)	54.8 (.898)	54.8 (.898)	77.0 (1.26)	68.5 (1.12)	100.1 (1.64)
	Cylinders	3	3	3	3	3	3
	Aspiration	Turbo	Natural	Natural	Natural	Natural	Natural
Loader Specification	Geometry	Vertical	Radial	Radial	Vertical	Radial	Radial
	Tipping Load - lbs (kg)	2,857 lbs (1295 kg)	2,898 lbs (1314 kg)	2,458 lbs (1115 kg)	3,071 lbs (1393kg)	2605 lbs (1182kg)	3,035 lbs (1376.7 kg)
	Rated Operating Capacity (35% of tipping) - lbs (kg)	1,000 lbs (453.6 kg)	1,000 lbs (453.6 kg)	850 lbs (385.6 kg)	1,075 lbs (488 kg)	911 lbs (413kg)	1,062 lbs (481.7 kg)
	Rated Operating Capacity (50% of tipping) - lbs (kg)	1,427 lbs (647.3 kg)	1,339 lbs (607 kg)	1,229 lbs (557.4 kg)	1,535.5 lbs (696.5 kg)	1302 lbs (591 kg)	1,517.5 lbs (688.3 kg)
Undercarriage	Length of track on ground - in (mm)	40.5" (1028.7 mm)	41.4" (1051.5 mm)	40.6" (1031.2 mm)	41" (1041.4 mm)	43 " (1092.2 mm)	43" (1092.2 mm)
	Track width standard - in (mm)	9.8" (248.9 mm)	7" (177.8 mm)	7" (177.8 mm)	5.9" (149.86 mm)	7" (178 mm)	7" (178 mm)
	Track width optional - in (mm)	9.8" (248.9 mm)	9.8" (248.9 mm)	10" (254 mm)	9.5" (241.3 mm)	9" (228.6 mm)	9" (228.6 mm)
	Ground pressure (Rubber track width) - psi	4.0 psi	5.2 psi	4.9 / 3.5 psi	5.4 / 3.6 psi	5.2 / 4.3 psi	6.3 / 4.9 psi
	Travel Speed Forward mph (km/h)	4.9 mph (7.8 km/h)	4 mph (6.5 km/h)	4 mph (6.5 km/h)	4.7 mph (7.6 km/h)	4.3 mph (6.9 km/h)	4.7 mph (7.6 km/h)
Travel Speed Reverse mph (km/h)	4.9 mph (7.8 km/h)	2.9 mph (4.7 km/h)	2.9 mph (4.7 km/h)	4.7 mph (7.6 km/h)	4.3 mph (6.9 km/h)	4.7 mph (7.6 km/h)	
Hydraulic Systems	AUX Pump Flow gpm (lpm)	15 gpm (57 Lpm)	12 gpm (45 Lpm)	12 gpm (45 Lpm)	15.2 gpm (57.5 Lpm)	12 gpm (45 Lpm)	13.9 gpm (53 Lpm)
	AUX controls located on Loader joystick	Yes	No	No	No	No	No
	AUX Hydraulic Pressure - psi (bar)	2800 psi (193 bar)	2900 psi (200 bar)	2900 psi (200 bar)	3000 psi (207 bar)	3000 psi (207 bar)	3625 psi (250 bar)
Dimensions and Capacities	Height to Top of machine - in (mm)	55.8" (1397 mm)	54.6" (1387 mm)	54.6" (1387 mm)	53.2" (1351 mm)	57" (1448 mm)	57" (1448 mm)
	Overall Length with Standard Bucket - in (mm)	107.7" (2726 mm)	106.2" (2697 mm)	106.2" (2697 mm)	100.7" (2558 mm)	105" (2667 mm)	105" (2667 mm)
	Length w/o Bucket - in (mm)	84.9" (2156 mm)	84.5" (2146 mm)	84.5" (2146 mm)	81.7" (2075 mm)	86" (2184 mm)	86" (2184 mm)
	Width over Tracks -in (mm)	35.8" (909 mm)	35.6" (904 mm)	35.6"/41" (904/1041 mm)	33.7"/41" (856/1041 mm)	36"/42" (914/1067 mm)	36"/42" (914/1067 mm)
	Width with Standard Bucket - in (mm)	36" (914 mm)	36" (914 mm)	36"/42" (914/1067 mm)	36"/41" (914/1041 mm)	36"/42" (914/1066 mm)	36"/42" (914/1066 mm)
	Dump Clearance at Full Height - in (mm)	60.8" (1544 mm)	58.6" (1488 mm)	59.5" (1511.3 mm)	61" (1549 mm)	66" (1676 mm)	66" (1676 mm)
	Height to Bucket Pin - in (mm)	84.7" (2151 mm)	81" (2057 mm)	81" (2057 mm)	81" (2057 mm)	83" (2108 mm)	83" (2108 mm)
	Reach at Max Dump Height - in (mm)	24.1" (612 mm)	18.7" (475 mm)	18.7" (475 mm)	24.5" (622 mm)	17" (432 mm)	17" (432 mm)
	Bucket Rollback at Ground - degrees	18	22	22.7	N/A	25	25
	Max Dump Angle at Full Height - degrees	49.5	48	48.7	40	35	35
	Rear Angle of Departure---degrees	25.2	23	23.8	N/A	27	27
	Ground Clearance - in (mm)	7.4" (188 mm)	6.7" (171mm)	7.2" (183mm)	6" (152 mm)	8.9" (226mm)	7.4" (188 mm)
	Operating Weight - lbs (kg)	3,035 lbs (1,376 kg)	3,390 lbs (1537 kg)	3,103 lbs (1408 kg)	2,860 lbs (1297kg)	2,920 lbs (1324kg)	3,435 lbs (1558kg)
Service Capacities	Fuel Tank - gal (l)	7.75 gal (29.3 liter)	7 gal (26.5 liter)	7 gal (26.5 liter)	11.5 gal (44 liter)	10.5 gal (40 liter)	10.5 gal (40 liter)
	Hydraulic Tank - gal (l)	3.7 gal (14 liter)	N/A	N/A	10 gal (38 liter)	9.2 gal (35 liter)	9.2 gal (35 liter)
Unique Machine Features	SAHR parking brake	Yes	No	No	No	No	Yes
	Passcode keyless start	Yes	No	No	No	No	No
	Grease Track Tensioner	Yes	No	No	No	Yes	Yes
	Color Display Monitor	Yes	No	No	No	No	No
	LED worklight---with delay timer	Yes	No	No	No	No	No

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