

TB2150

Competitive Details

	Takeuchi TB2150	Case CX130D LC	Caterpillar 315 FL	Caterpillar 316FL	John Deere 130G	John Deere 135G	Komatsu PC138USLC-10	Volvo 140E
PERFORMANCE								
Tail Swing Design	Conventional	Conventional	Conventional	Short Tail	Conventional	Short Tail	Short Tail	Conventional
Operating Weight	34,480 lb (15,640 kg)	34,367 lb (15,589 kg)	37,794 lb (17,143 kg)	39,900 lb (18,100 kg)	31,610 lb (14,351 kg)	32,820 lb (14,900 kg)	34,653 lb (15,682 kg)	35,500 lb (16,102 kg)
Maximum Digging Depth	17' 10.4" (5,445 mm)	18' 3" (5,500 mm)	19' 6" (5,950 mm)	21' 7" (6,590 mm)	19' 9" (6,030 mm)	19' 7" (5,969 mm)	19' 4" (5,900 mm)	19' 11" (6,060 mm)
Maximum Dump Height	20' 6" (6,250 mm)	21' 11" (6,680 mm)	23' 7" (7,190 mm)	20' 9" (6,370 mm)	21' 5" (6,520 mm)	23' 8" (7,213 mm)	24' 1" (7,350 mm)	20' 8" (6,299 mm)
Maximum Reach	28' 8.9" (8,760 mm)	28' 9" (8,770 mm)	28' 6" (8,680 mm)	30' 1" (9,160 mm)	28' 9" (8,770 mm)	29' 1" (8,864 mm)	28' 7" (8,720 mm)	29' 0" (8,850 mm)
Maximum Bucket Digging Force	22,190 lb (10,065 kg)	21,400 lb (9,707 kg)	19,200 lb (8,708 kg)	22,000 lb (9,970 kg)	21,480 lb (9,743 kg)	21,480 lb (9,743 kg)	19,840 lb (9,000 kg)	21,720 lb (9,852 kg)
Maximum Arm Digging Force	14,590 lb (6,618 kg)	14,800 lb (6,713 kg)	12,800 lb (5,805 kg)	15,500 lb (7,030 kg)	13,521 lb (6,133 kg)	13,521 lb (6,153 kg)	12,570 lb (5,700 kg)	13,430 lb (6,091 kg)
Traction Force	32,600 lb (14,786 kg)	26,100 lb (11,838 kg)	35,628 lb (16,160 kg)	35,070 lb (16,907 kg)	24,729 lb (11,217 kg)	24,251 lb (11,000 kg)	27,560 lb (12,501 kg)	26,680 lb (12,101 kg)
ENGINE								
Make / Model	Deutz / TCD3.6L4 Turbo	Isuzu / AR4JJ1X	Cat / C4.4 Acert	Cat / C4.4 Acert	Deere / PowerTech PWS	Isuzu / 4JJ1	Komatsu / SAA4D95LE-7	Volvo / D4J
Tier Rating	EPA Final Tier 4	EPA Tier 4 Final	EPA Tier 4 Final	EPA Tier 4 Final	EPA Tier 4 Final	EPA Tier 4 Final	EPA Tier 4 Final	EPA Tier 4 Final
Horsepower	114 hp (85 kW)	102.0 hp (76.4 kW)	100.0 hp (74 kW)	122.0 hp (91 kW)	98.0 hp (73.0 kW)	101 hp (75 kW)	97.2 hp (72 kW)	121.0 hp (90 kW)
Rated Engine Speed	2,000 rpm	2,000 rpm	NP	NP	2,000 rpm	2,000 rpm	2,050 rpm	2,000 rpm
Maximum Torque	339.3 ft-lb (460 Nm)	257.0 ft-lb (348 Nm)	NP	NP	NP	NP	NP	395.0 ft-lb (417 Nm)
UNDERCARRIAGE								
Track Width	20" (RT) / 24" (ST)	23.6" (ST)	20", 24" (ST)	24" (ST)	24" (RT / ST)	20" (RCP) / 24" (ST)	20" (RL / ST) / 24" (ST)	20" (RT / ST) / 24" (ST)
Ground Pressure	6.88 (RT) psi (47.1 kPa)	5.4 psi (37.2 kPa)	6.9 psi (47.5 kPa)	6.1 psi (42.0 kPa)	5.3 psi (36.5 kPa)	6.67 psi (46.0 kPa)	6.54 psi (45.1 kPa)	6.1 psi (42.0 MPa)
Travel Speed Low Range	1.9 mph (3.0 km/h)	NP	NP	NP	2.1 mph (3.3 km/h)	2.1 mph (3.3 km/h)	1.8 mph (2.9 km/h)	1.9 mph (3.4 km/h)
Travel Speed High Range	3.4 mph (5.5 km/h)	3.5 mph (5.6 km/h)	3.4 mph (5.5 km/h)	3.3 mph (5.3 km/h)	3.4 mph (5.5 km/h)	3.4 mph (5.5 km/h)	3.2 mph (5.1 km/h)	3.4 mph (5.5 km/h)
HYDRAULIC SYSTEM								
Total Hydraulic Flow	78.9 gpm (298.9 L/m)	68.2 gpm (258.0 L/m)	68.0 gpm (256 L/m)	79.0 gpm (300 L/m)	56.0 gpm (211 L/m)	56.0 gpm (211 L/m)	64.0 gpm (242 L/m)	66.0 gpm (248 L/m)
Auxiliary Hydraulic Flow	#1 59.0 / #2 14.5 gpm (223 L/m - 54.9 L/m)	NP	NP	NP	NP	NP	NP	NP
Hydraulic System Pressure	4,977 psi (34.3 MPa)	4,970 psi (34.2 MPa)	4,420 psi (30.47 MPa)	5,076 psi (34.99 MPa)	4,980 psi (34.33 MPa)	4,980 psi (34.33 MPa)	5,050 psi (34.81 MPa)	4,980 psi (34.33 MPa)
Hydraulic Reservoir Capacity	28.1 gal (107.0 L)	22.0 gal (83.2 L)	22.2 gal (84.0 L)	28.0 gal (106 L)	18.2 gal (62 L)	15.9 gal (60 L)	18.2 gal (69 L)	22.0 gal (85 L)
DIMENSIONS								
Width	8' 6" (2,590 mm)	8' 6" (2,590 mm)	8' 2" (2,490 mm)	8' 6" (2,590 mm)	8' 6" (2,590 mm)	8' 2" (2,490 mm)	8' 6" (2,590 mm)	8' 6" (2,590 mm)
Height	9' 8.5" (2,960 mm)	9' 3" (2,830 mm)	9' 10" (2,997 mm)	10' 5" (3,190 mm)	9' 2" (2,790 mm)	9' 5" (2,870 mm)	10' 6" (3,210 mm)	9' 2" (2,794 mm)
Length (Transport)	25' 7.3" (7,805 mm)	25' 1" (7,650 mm)	26' 3" (8,001 mm)	26' 1" (8,570 mm)	25' 3" (7,700 mm)	24' 3" (7,390 mm)	23' 11" (7,285 mm)	24' 10" (2,489 mm)
Ground Clearance	19.0" (475 mm)	17.0" (431 mm)	17.0" (431 mm)	17.0" (431 mm)	16.0" (410 mm)	16.0" (410 mm)	16.0" (395 mm)	17.0" (431 mm)
Dozer Blade Height	21.7" (550 mm)	NP	NP	25" (630 mm)	21.0" (523 mm)	18.0" (460 mm)	NP	23.0" (584 mm)
Boom Swing Angle (Degrees L / R)	75 / 55	NA	NA	NA	NA	NA	NA	NA
Min Front Swing Radius	9' 11" (3,015 mm)	NP	NP	7' 4" (2,235 mm)	8' 7" (2,616 mm)	8' 2" (2,489 mm)	7' 5" (2,260 mm)	9' 3" (2,819 mm)
Tail Swing Radius	6' 6.7" (2,000 mm)	7' 1" (2,170 mm)	5' 0" (1,530 mm)	8' 2" (2,590 mm)	7' 2" (2,190 mm)	4' 11" (1,498 mm)	5' 1" (1,545 mm)	NP