

# TB2150

## Product Comparison

# TAKEUCHI®

	Takeuchi TB2150	Case CX130D LC	Caterpillar 315 FL	Caterpillar 316FL	John Deere 130G	John Deere 135G	Komatsu PC138USLC-11	Volvo EC140E
<b>PERFORMANCE</b>								
Tail Swing Design	Conventional	Conventional	Short Tail	Conventional	Conventional	Short Tail	Short Tail	Conventional
Operating Weight	<b>34,646lb</b> (15,715 kg)	34,367 lb (15,589 kg)	37,794 lb (17,143 kg)	39,029 lb (17,703 kg)	31,113 lb (14,113 kg)	33,260 lb (15,086 kg)	34,673 lb (15,727 kg)	33,740 lb (15,304 kg)
Maximum Digging Depth	<b>18' 0"</b> (5,486 mm)	18' 3" (5,500 mm)	19' 6" (5,944mm)	21' 7"(6,590 mm)	19' 9" (6,030 mm)	20' 0" (6,096 mm)	19' 4" (5,900 mm)	19' 11" (6,060 mm)
Maximum Dump Height	<b>20' 4.9"</b> (6,220 mm)	21' 11" (6,680 mm)	23' 7" (7,187 mm)	20' 9" (6,370 mm)	21' 5" (6,520 mm)	23' 4" (8,636 mm)	24' 1" (7,350 mm)	20' 8" (6,299 mm)
Maximum Reach	<b>28' 8.9"</b> (8,760 mm)	28' 9" (8,770 mm)	28' 6" (8,687 mm)	30' 1" (9,160 mm)	28' 9" (8,770 mm)	29' 2" (8,890 mm)	28' 7" (8,720 mm)	29' 0" (8,850 mm)
Maximum Bucket Digging Force	<b>22,190 lb</b> (10,065 kg)	21,400 lb (9,707 kg)	21,420 lb (9,716 kg)	22,000 lb (9,970 kg)	21,480 lb (9,743 kg)	23,380 lb (10,605 kg)	19,840 lb (9,000 kg)	21,720 lb (9,852 kg)
Maximum Arm Digging Force	<b>14,590 lb</b> (6,618 kg)	14,800 lb (6,713 kg)	13,130 lb (5,956 kg)	15,500 lb (7,030 kg)	13,521 lb (6,133 kg)	13,710 lb (6,218 kg)	12,570 lb (5,700 kg)	13,430 lb (6,092 kg)
Traction Force	<b>32,600 lb</b> (14,786 kg)	26,100 lb (11,838 kg)	25,179 lb (11,421 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 (12,102 kg)
<b>ENGINE</b>								
Make / Model	Deutz / TCD3.6L4 Turbo	Isuzu / AR4JJ1X	Cat / C4.4 Acert	Cat / C4.4 Acert	Deere / PowerTech PWS 4.5L	Isuzu / 4JJ1	Komatsu / SAA-4D95LE-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	<b>114 hp</b> (85 kW)	102.0 hp (76.4 kW)	100.0 hp (74.6 kW)	122.0 hp (91 kW)	98.0 hp (73.0 kW)	101 hp (75 kW)	97.2 hp (72.5 kW)	121.0 hp (90 kW)
Rated Engine Speed	<b>2,000 rpm</b>	2,000 rpm	NP	NP	2,000 rpm	2,000 rpm	2,050 rpm	2,000 rpm
Maximum Torque	<b>339.3 ft-lb</b> (460 Nm)	257.0 ft-lb (348 Nm)	NP	NP	NP	NP	NP	NP
<b>UNDERCARRIAGE</b>								
Track Width	<b>20" (RT) / 24" (ST)</b>	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	<b>6.88 (RT) psi</b> (47.1 kPa)	5.4 psi (37.2 kPa)	6.9 psi (47.5 kPa)	6.1 psi (42.0 kPa)	5.37 psi (37.0 kPa)	6.67 psi (46.0 kPa)	5.49 psi (37.85 kPa)	5.5 psi (37.9 MPa)
Travel Speed Low Range	<b>1.9 mph</b> (3.1 km/h)	2.1 mph (3.4 km/h)	NP	NP	2.1 mph (3.3 km/h)	2.1 mph (3.4 km/h)	1.8 mph (2.9 km/h)	1.9 mph (3.1 km/h)
Travel Speed High Range	<b>3.4 mph</b> (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)
<b>HYDRAULIC SYSTEM</b>								
Total Hydraulic Flow	<b>78.9 gpm</b> (298.7 L/m)	68.2 gpm (258.0 L/m)	68.0 gpm (256 L/m)	79.0 gpm (299 L/m)	64.7 gpm (245 L/m)	64.7 gpm (137.9 L/m)	64.0 gpm (242 L/m)	71 gpm (269 L/m)
Auxiliary Hydraulic Flow	<b>#1 59.0 / #2 14.5 gpm</b> (223 L/m - 54.9 L/m)	NP	NP	NP	NP	NP	64.0 gpm (242 L/m)	NP
Hydraulic System Pressure	<b>4,977 psi</b> (34.3 MPa)	4,970 psi (34.2 MPa)	4,420 psi (30.47 MPa)	5,076 psi (35.0 MPa)	4,980 psi (34.33 MPa)	4,975 psi (34.30 MPa)	5,050 psi (34.81 MPa)	4,980 psi (34.33 MPa)
Hydraulic Reservoir Capacity	<b>28.1 gal</b> (107.0 L)	22.0 gal (83.2 L)	22.2 gal (84.0 L)	28.0 gal (106 L)	18.2 gal (69 L)	15.9 gal (60 L)	18.2 gal (69 L)	22.0 gal (85 L)
<b>DIMENSIONS</b>								
Width	<b>8' 6"</b> (2,591 mm)	8' 6" (2,590 mm)	8' 6" (2,591 mm)	8' 6" (2,590 mm)	8' 6" (2,590 mm)	8' 6" (2,591 mm)	8' 6" (2,590 mm)	8' 6" (2,591 mm)
Height	<b>9' 8.5"</b> (2,959 mm)	9' 3" (2,830 mm)	9' 8" (2,947 mm)	9' 6" (2,896 mm)	9' 2" (2,790 mm)	9' 5" (2,870 mm)	9' 3" (2,815 mm)	9' 2" (2,794 mm)
Length (Transport)	<b>25' 7.3"</b> (7,805 mm)	25' 1" (7,650 mm)	26' 3" (8,001 mm)	28' 1" (8,559 mm)	25' 4" (7,722 mm)	24' 2" (7,366 mm)	23' 11" (7,285 mm)	24' 10" (7,569 mm)
Ground Clearance	<b>19.0"</b> (475 mm)	17.0" (431 mm)	17.0" (433 mm)	17.0" (431 mm)	16.0" (410 mm)	16.0" (410 mm)	16.0" (395 mm)	17.0" (432 mm)
Dozer Blade Height	<b>21.7"</b> (550 mm)	NP	NP	25" (630 mm)	21.0" (523 mm)	18.0" (460 mm)	23.0" (584 mm)	23.0" (584 mm)
Boom Swing Angle (Degrees L / R)	<b>75 / 55</b>	NA	NA	NA	NA	NA	NA	NA
Front Swing Radius	<b>9' 11"</b> (3,015 mm)	NP	NP	NP	8' 7" (2,616 mm)	8' 4" (2,540 mm)	7' 5" (2,261 mm)	9' 0" (2,743 mm)
Tail Swing Radius	<b>6' 6.7"</b> (2,000 mm)	7' 1" (2,170 mm)	5' 0" (1,524 mm)	8' 2" (2,490 mm)	7' 2" (2,190 mm)	4' 11" (1,498 mm)	5' 1" (1,545 mm)	7' 3" (2,210 mm)