

TW60 Series 2

Product Comparison

	Takeuchi TW60 Series 2	Kubota R530	Kubota R630	Volvo L20F	Wacker WL36	Wacker 5055	Yanmar V4-7
PERFORMANCE							
Loader Boom Design	Z Bar	Z Bar	Z Bar		Z Bar	Z Bar	Z Bar
Operating Weight	10,758 lb (4,880 kg)	9,303 lb (4,220 kg)	10,229 lb (4,640 kg)	9,877 lb (4,480 kg)	8,000 lb (3,629 kg)	7,606 lb (3,450 kg)	8,014 lb (3,635 kg)
Tipping Load, Straight	6,688 lb (3,034 kg)	6,041 lb (2,740 kg)	7,606 lb (3,450 kg)	7,385 lb (3,350 kg)	NP	4,762 lb (2,160 kg)	6,070 lb (2,753 kg)
Tipping Load, Full Turn	5,906 lb (2,679 kg)	5,093 lb (2,310 kg)	6,459 lb (2,930 kg)	6,641 lb (3,000 kg)	NP	NP	5,058 lb (2,294 kg)
Operating Capacity*	2,952 lb (1,339 kg)	2,546 lb (1,155 kg)	3,229 lb (1,465 kg)	3,307 lb (1,500 kg)	NP	NP	2,529 lb (1,149 kg)
Bucket Breakout Force	9,038 lb (4,100 kg)	7,761 lb (3,520 kg)	10,415 lb (4,724 kg)	7,868 lb (3,569 kg)	8,780 lb (3,982 kg)	6,295 lb (2,855 kg)	6,085 lb (2,760 kg)
Lift Arm Breakout Force	6,675 lb (3,028 kg)	NP	8,505 lb (3,858 kg)	NP	8,330 lb (3,778 kg)	7,306 lb (3,314 kg)	7,451 lb (3,380 kg)
Traction Force	8,818 lb (4,000 kg)	6,540 lb (2,966 kg)	8,593 lb (3,898 kg)	NP	NP	NP	NP
			Pin and Hook coupler				

*Operating capacity is 50% of full turn tipping load with bucket according to SAE J818

ENGINE

Make / Model	Yanmar 4TNV86CHT-M	Kubota / V2607-CR-E4	Kubota / V2607-CR-TE4	Volvo D2.6M	Perkins / 404D-22	Yanmar 4NNKAC	Yanmar / 4TN-V88C-NKAH
Tier Rating	EPA Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Interim Tier 4	EPA Final Tier 4	EPA Final Tier 4
Horsepower	61.0 hp (45.6 kW)	51 hp (38 kW)	64.4 hp (48.0 kW)	64.4 hp (48.0 kW)	47.9 hp (35.7 kW)	47.0 hp (35 kW)	40.9 hp (30.5 kW)
Rated Engine Speed	2,200 rpm	2,400 rpm	2,400 rpm	2,400 rpm	2,600 rpm	NP	2,500 rpm
Maximum Torque	146.0 ft-lb (198 Nm)	NP	NP	166 ft-lb (225 Nm)	NP	NP	NP

DRIVETRAIN

Differential Lock	100% Front/Rear	100%	100% Front/Rear	100%	100%	100%	NP
Steering Articulation	40 deg	40 deg	40 deg	38 deg	45 deg	40 deg	40 deg
Frame or Axle Oscillation	12 deg	8 deg	8 deg	10 deg	12 deg	11.5 deg	8 deg
Travel Speed Low Range	4.0 mph (6.5 km/hr)	2.9 mph (4.7 km/hr)	3.0 mph (4.8 km/hr)	NP	4.4 mph (7.1 km/hr)	NP	NP
Travel Speed High Range	12.4 mph (20 km/hr)	12.4 mph (20.0 km/hr)	12.4 mph (20 km/hr)	4.3 mph (6.9 kmh)	12.4 mph (20 km/hr)	12.4 mph (20 km/hr)	11.8 mph (19 km/hr)
Optional High Speed Travel	17.4 mph (28 km/hr)	NA	NP	18.6 mph (29.9 kmh)	NA	18.6 mph (30 km/hr)	NA

HYDRAULIC SYSTEM

Hydraulic Reservoir Capacity	15.1 gal (57.0 L)	10.3 gal (39 L)	10.3 gal (39 L)	15.6 gal (59.0 L)	17.2 gal (65 L)	15.3 gal (57.9 L)	NP
Auxiliary Flow - Standard	15.8 gpm (60.0 L/m)	14.2 gpm (53.8 L/m)	17.8 gal (67.4 L)	14.5 gpm (54.9 L)	16.5 gpm (62.5 L/m)	NP	14.8 gpm (56 L/m)
Auxiliary Flow - Optional	NA	NA	NA	29.0 gpm (110 L/min)	NA	NA	NA
Hydraulic System Pressure	3,336 psi (23.0 MPa)	2,700 psi (18.6 MPa)	3,000 psi (20.7 MPa)	2,901 psi (20.0 Mpa)	3,045 psi (21 MPa)	3,408 psi (23.5 MPa)	3,000 psi (20.7 MPa)

DIMENSIONS

Wheelbase	6' 6.7" (2,000 mm)	6' 5" (1,956 mm)	6' 7" (2,007 mm)	6' 9" (2,057 mm)	6' 7.5" (2,019 mm)	6' 0.8" (1,849 mm)	6' 2" (1,880 mm)
Outside Turning Radius	12' 1.3" (3,690 mm)	NP	11' 4" (3,454 mm)	12' 7" (3,835 mm)	10' 10" (3,302 mm)	8' 10" (2,700 mm)	12' 6" (3,810 mm)
Maximum Lift Height to Bucket Pin	10' 3.2" (3,130 mm)	10' 7" (3,225 mm)	10' 8" (3,251 mm)	10' 4" (3,150 mm)	10' 7.6" (3,241 mm)	9' 11.7" (3,040 mm)	9' 10" (2,997 mm)
Dump Height Fully Raised	8' 1.4" (2,475 mm)	8' 0" (2,438 mm)	8' 3" (2,515 mm)	8' 3" (2,515 mm)	7' 11.6" (2,428 mm)	7' 7.3" (2,319 mm)	7' 11" (2,413 mm)
Reach Fully Raised	2' 2.4" (670 mm)	2' 9" (838 mm)	2' 6" (762 mm)	2' 1" (635 mm)	11.6" (295 mm)	11.8" (200 mm)	2' 7" (787 mm)
Overall Width Without Bucket	4' 9.5" (1,460 mm)	5' 8" (1,727 mm)	5' 11" (1,805 mm)	5' 4" (1,626 mm)	5' 1.4" (1,560 mm)	5' 2.6" (1,590 mm)	5' 7" (1,702 mm)
Overall Height	8' 1.4" (2,475 mm)	8' 1" (2,464 mm)	8' 2" (2,489 mm)	8' 2" (2,489 mm)	7' 6.9" (2,309 mm)	7' 9.7" (2,380 mm)	8' 5" (2,565 mm)
Minimum Ground Clearance	17.3" (440 mm)	11.5" (292 mm)	13.8" (351 mm)	11.0" (279 mm)	11.7" (297 mm)	10.6" (269 mm)	15.0" (381 mm)