

	Takeuchi TW80	Case 221E	Case 321E	Caterpillar 906H2	Caterpillar 907H2	John Deere 304K	Kawasaki 45ZV-2	Komatsu WA80-6	Volvo L35G
<b>PERFORMANCE</b>									
Loader Boom Design	Z Bar	Versa Boom	Z Bar	Z Bar	Z Bar	Z Bar	Z Bar	Z Bar	Z Bar
Operating Weight	12,700 lbs	11,947 lbs	12,676 lbs	12,412 lbs	12,809 lbs	12,778 lbs	12,220 lbs	12,180 lbs	13,779 lbs
Tipping Load, Straight	10,065 lbs	9,358 lbs	9,744 lbs	8,785 lbs	9,524 lbs	9,171 lbs	8,470 lbs	9,628 lbs	10,913 lbs
Tipping Load, Full Turn	8,890 lbs	8,002 lbs	8,277 lbs	6,967 lbs	6,989 lbs	8,091 lbs	7,170 lbs	8,236 lbs	9,590 lbs
Operating Capacity*	4,445 lbs	4,001 lbs	4,138 lbs	3,483 lbs	3,494 lbs	4,046 lbs	3,585 lbs	4,118 lbs	4,795 lbs
Bucket Breakout Force	13,691 lbs	9,723 lbs	11,241 lbs	9,442 lbs	9,442 lbs	11,839 lbs	8,280 lbs	12,747 lbs	13,601 lbs
Lift Arm Breakout Force	12,147 lbs	11,146 lbs	13,355 lbs	7,194 lbs	7,194 lbs	NP	NP	NP	13,862 lbs
Traction Force	11,574 lbs	NP	NP	NP	NP	NP	NP	NP	NP

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

**ENGINE**

Make / Model	Deutz / TD2.9L Turbo	FPT / 432T-M3	FPT / 432T-M3	Kubota / C3.3BDIT	Kubota / C3.3BDIT	Yanmar / 4TNV98	Kubota / V3307-DIT	Komatsu / 5D95LWE	Deutz / D3.3D
Tier Rating	Final Tier 4	Tier 3	Tier 3	Interim Tier 4	Interim Tier 4	Final Tier 4	Interim Tier 4	Tier 3	Final Tier 4
Horsepower	73.0 hp	74.0 hp	77.0 hp	74.0 hp	74.0 hp	64.0 hp	63.0 hp	67.1 hp	74.8 hp
Rated Engine Speed	2,200 rpm	2,500 rpm	2,300 rpm	2,500 rpm	2,500 rpm	2,400 rpm	2,200 rpm	2,270 rpm	2,600 rpm
Maximum Torque	192.0 ft-lb	203.0 ft-lb	229.0 ft-lb	NP	NP	176.0 ft-lb	NP	177.0 ft-lb	195.5 ft-lb

**DRIVE TRAIN**

Differential Lock	100%	45% Front Only	45% Front Only	100%	100%	45% Limited Slip	45% Limited Slip	Limited Slip	100%
Steering Articulation	40 deg	41 deg	NP	39 deg	39 deg	40 deg	41 deg	42 deg	40 deg
Frame or Axle Oscillation	12 deg	12 deg	NP	NP	NP	10 deg	11 deg	10 deg	10 deg
Travel Speed Low Range	4.0 mph	4.0 mph	3.7 mph	4.3 mph	4.3 mph	3.7 mph	7.4 mph	2.8 mph	5.0 mph
Travel Speed High Range	12.4 mph	12.4 mph	12.4 mph	12.4 mph	12.4 mph	12.0 mph	21.1 mph	12.4 mph	19.0 mph
Optional High Speed Travel	24.8 mph	21.7 mph	21.7 mph	21.7 mph	21.7 mph	NP	NP	18.6 mph	NP

**HYDRUALIC SYSTEM**

Hydraulic Reservoir Capacity	14.0 gal	10.5 gal	10.5 gal	NP	NP	23.8 gal	NP	NP	17.2 gal
Auxiliary Flow - Standard	16.4 gpm	18.5 gpm	21.1 gpm	22.0 gpm	22.0 gpm	20.0 gpm	21.0 gpm	16.9 gpm	18.2 gpm
Auxiliary Flow - Optional	26.0 gpm	NP	NP	33.0 gpm	33.0 gpm	NP	NP	NP	NP
Hydraulic System Pressure	3,335 psi	3,625 psi	3,626 psi	3,400 psi	3,400 psi	3,375 psi	3,000 psi	3,916 psi	3,625 psi

**DIMENSIONS**

Wheelbase	7' 2.6"	7' 8.5"	7' 8.5"	7' 1"	7' 1"	7' 1"	7' 2"	7' 5"	7' 1"
Outside Turning Radius	13' 3"	13' 5.2"	13' 7"	14' 7"	14' 10"	NP	12' 5"	13' 1"	13' 0"
Maximum Lift Height to Bucket Pin	11' 1"	11' 1"	11' 4"	10' 7"	10' 7"	11' 1"	10' 4"	10' 7"	11' 0"
Dump Height Fully Raised	8' 6"	8' 7"	8' 8"	7' 10"	7' 10"	8' 7"	7' 10"	8' 3"	8' 9"
Reach Fully Raised	2' 5"	2' 9"	2' 10.8"	2' 8"	2' 8"	3' 2"	3' 4"	2' 11"	2' 5"
Overall Width Without Bucket	6' 9"	6' 3"	6' 6"	6' 0"	6' 0"	NP	6' 3.5"	6' 2"	6' 4"
Overall Height	8' 11.5"	9' 2.7"	9' 2.5"	8' 1"	8' 5"	8' 0"	9' 4"	8' 10"	9' 0"
Minimum Ground Clearance	18.5"	16.0"	16.0"	11.8"	11.8"	13.0"	13.0"	12.0"	24.0"