

# TS80V2

## Product Comparison

	Takeuchi TS80V2	Bobcat S650	Case SV280	Caterpillar 262D	Gehl V270-2	JCB 270	John Deere 324G	Kubota SSV75	New Holland L225
<b>PERFORMANCE</b>									
Loader Boom Design	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Operating Weight	8,965 lb (4,066 kg)	8,061 lb (3,656 kg)	8,090 lb (3,670 kg)	8,011 lb (3,634 kg)	8,150 lb (3,697 kg)	8,203 lb (3,721 kg)	7,700 lb (3,493 kg)	8,157 lb (3,700 kg)	8,245 lb (3,740 kg)
Tipping Load	6,010 lb (2,726 kg)	5,380 lb (2,440 kg)	5,600 lb (2,540 kg)	5,400 lb (2,449 kg)	5,400 lb (2,449 kg)	5,448 lb (2,571 kg)	5,380 lb (2,443 kg)	5,380 lb (2,440 kg)	5,600 lb (2,540 kg)
Operating Capacity*	3,005 lb (1,363 kg)	2,690 lb (1,220 kg)	2,800 lb (1,270 kg)	2,700 lb (1,225 kg)	2,700 lb (1,225 kg)	2,723 lb (1,235 kg)	2,690 lb (1,221 kg)	2,690 lb (1,220 kg)	2,800 lb (1,270 kg)
Bucket Breakout Force	5,920 lb (2,685 kg)	NP	8,776 lb (3,981 kg)	7,355 lb (3,376 kg)	NP	6,453 lb (2,968 kg)	8,750 lb (3,969 kg)	5,884 lb (2,669 kg)	8,620 lb (3,910 kg)
Lift Arm Breakout Force	6,200 lb (2,812 kg)	NP	6,011 lb (2,727 kg)	NP	NP	6,056 lb (2,747 kg)	5,250 lb (2,381 kg)	4,850 lb (2,200 kg)	6,030 lb (2,735 kg)
Traction Force	8,700 lb (3,946 kg)	NP	NP	NP	NP	NP	7,491 lb (3,398 kg)	8,494 lb (3,853 kg)	NP
<b>ENGINE</b>									
Make / Model	Deutz/TD2.9L4 Turbo	NA	FPT F5H FL463 A*F001	Kubota / C3.3B DIT	Yanmar / 4TNV98CT NMS Tier IV	EcoMAX / TCAE-55	Yanmar / 4TNV98CT	Kubota / V3307CR TE4	FPT / F5H FL463A*F001
Tier Rating	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4
Horsepower	74.0 hp (55 kW)	74.0 hp (55 kW)	74.0 hp (55 kW)	74.3 hp (55.4 kW)	72 hp (53.7 kW)	74.0 hp (55 kW)	74.0 hp (55 kW)	74.3 hp (55.4 kW)	74.0 hp (55 kW)
Rated Engine Speed	2,600 rpm	2,600rpm	2,500 rpm	NP	2,500 rpm	2,400 rpm	2,500 rpm	2,600 rpm	2,500 rpm
Maximum Torque	192 ft-lb (260 Nm)	209.4 ft-lb (283.9 Nm)	232 ft-lb (315 Nm)	195 ft-lb (264 Nm)	217 ft-lb (294 Nm)	295 ft-lb (400 Nm)	207 ft-lb (281 Nm)	196 ft-lb (265 Nm)	232 ft-lb (315 Nm)
<b>DRIVETRAIN</b>									
Drive System	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Wheel Size	12 x 16.5	12 x 16.5	12 x 16.5	12 x 16.5	12 x 16.5	12 x 16.5	12 x 16.5	12 x 16.5	12 x 16.5
Wheel Base	4'1.0" (1,245 mm)	3'9.3" (1,151 mm)	4'4" (1,320 mm)	4'1.2" (1,250 mm)	4'1.5" (1,257 mm)	4'1" (1,245 mm)	3' 8.4" (1,223 mm)	3'11.2" (1,199 mm)	4'4" (1,321 mm)
Travel Speed Max	8.2 mph (13.1 km/h)	7.1 mph (11.4 km/hr)	7.0 mph (11.3 km/hr)	7.7 mph (12.4 km/hr)	7.4 mph (12 km/hr)	6.8 mph (10.9 km/hr)	6.9 mph (11.1 km/hr)	7.4 mph (11.9 km/hr)	7.0 mph (11.3 km/hr)
Travel Speed - Optional 2 Speed	11.0 mph (17.7 km/h)	12.3 mph (19.8 km/hr)	10.5 mph (16.9 km/hr)	11.0 mph (17.7 km/hr)	11.9 mph (19.2 km/hr)	12.4 mph (20.0 km/hr)	11.1 mph (17.9 km/hr)	11.8 mph (19.0 km/hr)	10.5 mph (16.9 km/hr)
<b>HYDRAULIC SYSTEM</b>									
Hydraulic Reservoir Capacity	10.0 gal (38.0 L)	2.7 gal (10.2 L)	6.0 gal (22.7 L)	10.3 gal (39.0 L)	10.5 gal (40 L)	NP	NP	4.2 gal (16.0 L)	NP
Auxiliary Flow - Standard	26.0 gpm (98.4 L/m)	23.0 gpm (87.1 L/m)	24.2 gpm (91.6 L/m)	23.0 gpm (87.0 L/m)	23.5 gpm (89 L/m)	24.0 gpm (90.8 L/m)	21.0 gpm (79.5 L/m)	20.9 gpm (79.0 L/m)	24.2 gpm (91.6 L/m)
Auxiliary Flow - High Flow	31.0 gpm (117.3 L/m)	30.5 gpm (115 L/m)	37.6 gpm (142.3 L/m)	32.0 gpm (121 L/m)	35.0 gpm (132 L/m)	31.7 gpm (120 L/m)	32 gpm (121 L/m)	30.4 gpm (115 L/m)	37.6 gpm (142.3 L/m)
Hydraulic System Pressure	3,335 psi (23.0 MPa)	3,500 psi (24.1 MPa)	3,046 psi (21.0 MPa)	3,335 psi (23.0 MPa)	NP	3,335 psi (23.0 MPa)	3,450 psi (23.8 MPa)	3,271 psi (22.6 MPa)	3,046 psi (21.0 MPa)
<b>DIMENSIONS</b>									
Max. Lift Height to Bucket Pin	10' 10" (3,302 mm)	10' 4" (3,150 mm)	10' 10" (3,302 mm)	10' 4.9" (3,172 mm)	10' 10.3" (3,310 mm)	10' 6" (3,200 mm)	10' 6" (3,200 mm)	10' 8.3 (3,258 mm)	10' 9.4" (3,287 mm)
Dump Height Fully Raised	8' 7" (2,616 mm)	NP	8' 7.5" (2,629 mm)	7' 9.7" (2,380 mm)	8' 4" (2,540 mm)	7' 6" (2,286 mm)	8' 6.1" (2,593 mm)	9' 2" (2,489 mm)	8' 6.9" (2,614 mm)
Reach Fully Raised	3' 0" (635 mm)	2' 7.5" (800 mm)	2' 5.3" (744 mm)	2' 6.9" (785 mm)	2' 8" (813 mm)	4' 4" (1,321 mm)	2' 5.9" (759 mm)	3'0.9 (936 mm)	2' 8.3" (820 mm)
Transport Length (with Bucket)	12' 2.0 in (3,708 mm)	11' 4.8" (3,475 mm)	11' 9.9" (3,604 mm)	12' 2.2" (3,713 mm)	12' 4" (3,759 mm)	12' 6" (3,810 mm)	11' 4.3" (3,462 mm)	2'0.1" (3,660 mm)	11' 10.9" (3,630 mm)
Length without Bucket	9' 1.0" (2,763 mm)	9' 0.4" (2,753 mm)	9' 9.7" (2,990 mm)	9' 9.9" (2,995 mm)	9' 8.5" (2,959 mm)	NP	9' 4.3" (2,852 mm)	9'7" (2,920 mm)	9' 9.8" (2,992 mm)
Overall Width without Bucket	6' 0" (1,829 mm)	6' 0.1" (1,831 mm)	5' 9.6" (1,768 mm)	5' 6" (1,676 mm)	5' 9.5" (1,765 mm)	6' 0" (1,828 mm)	5' 7" (1,702 mm)	11'8" (1,823 mm)	5' 9.6" (1,768 mm)
Overall Height	7' 0.0" (2,134 mm)	6' 9.3" (2,065 mm)	6' 6.8" (2,002 mm)	6' 11.1" (2,111 mm)	6' 9" (2,057 mm)	6' 11" (2,108 mm)	6' 9.1" (2,060 mm)	6'9.3" (2,065 mm)	6' 6.8" (2,002 mm)
Minimum Ground Clearance	10.5" (267 mm)	NP	8.0" (203 mm)	8.9" (226 mm)	8.0" (203 mm)	10" (254 mm)	9.3" (240 mm)	8'1" (206 mm)	8.0" (203 mm)