

TS80V Skid Steer Loader
COMPETITIVE DETAILS

	Takeuchi TS80V2	Bobcat S650	Case SV280	Caterpillar 262D	Gehl V270	JCB 280	John Deere 326E	Kubota SSV75	New Holland L225
PERFORMANCE									
Loader Boom Design	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Operating Weight	8,968 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)	8,368 lb (3,796 kg)	8,200 lb (3,723 kg)	8,157 lb (3,700 kg)	8,245 lb (3,740 kg)
Tipping Load	9,115 lb (4,134 kg)	5,380 lb (2,440 kg)	5,600 lb (2,540 kg)	5,400 lb (2,449 kg)	5,400 lb (1,225 kg)	5,608 lb (2,543 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)	2,800 lb (1,272 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	5,699 lb (2,585 kg)	7,750 lb (3,519 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	5,884 lb (2,669 kg)	5,000 lb (2,270 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	8,725 lb (3,958 kg)	8,494 lb (3,853 kg)	NP

ENGINE									
Make / Model	Deutz/TD2.9L4 Turbo	NA	FPT / FSHF2463	Kubota / C3.3B DIT	Yanmar / 4TNV98CT	EcoMAX / TCAE-55	Yanmar / 4TNV98CT	Kubota / V3307CR TE4	FPT / F5H FL463A
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)	70.7 hp (52.7 kW)	74.0 hp (55 kW)	74.0 hp (55 kW)	74.3 hp (55.4 kW)	94.0 hp (55 kW)
Rated Engine Speed	2,600 rpm	2,600rpm	2,600 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 (314.0 Nm)	NP	217 ft-lb (294 Nm)	295 ft-lb (400 Nm)	207 ft-lb (280 Nm)	196 ft-lb (265 Nm)	232 ft-lb (314 Nm)

DRIVETRAIN									
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" (1,249 mm)	4'1.5" (1,257 mm)	4'0" (1,219 mm)	4'0.3" (1,227 mm)	3'11.2" (1,199 mm)	4'4" (1,322 mm)
Travel Speed Max	8.5 mph (13.1 km/h)	7.1 mph (11.4 km/hr)	7.0 mph (11.3 km/hr)	7.7 mph (12.5 km/hr)	7.4 mph (12 km/hr)	6.8 mph (10.9 km/hr)	6.5 mph (10.5 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)	10.0 mph (16.1 km/hr)	11.8 mph (19.0 km/hr)	10.5 mph (16.9 km/hr)

HYDRAULIC SYSTEM									
Hydraulic Reservoir Capacity	10.0 gal (38.0 L)	NP	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)	6.0 gal (22.7 L)
Auxiliary Flow - Standard	26.0 gpm (98.4 L/m)	23.0 gpm (87.1 L/m)	24.2 gpm (91.5 L/m)	23.0 gpm (86.0 L/m)	23.5 gpm (89 L/m)	24.0 gpm (90.0 L/m)	21.0 gpm (80 L/m)	20.9 gpm (79.0 L/m)	24.2 gpm (91.5 L/m)
Auxiliary Flow - Standard	26.0 gpm (98.4 L/m)	30.5 gpm (115 L/m)	37.6 gpm (142.5 L/m)	32.0 gpm (121 L/m)	35.0 gpm (132 L/m)	33.0 gpm (125 L/m)	29.0 gpm (110 L/m)	30.4 gpm (115 L/m)	37.6 gpm (142.5 L/m)
Hydraulic System Pressure	3,335 psi (23.0 MPa)	3,500 psi (24.1 MPa)	3,046 psi (21.0 MPa)	3,336 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)

DIMENSIONS									
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" (3,710 mm)	10' 5" (3,175 mm)	10' 5.4" (3,185 mm)	10'8.3 (3,258 mm)	10' 9.4" (3,287 mm)
Dump Height Fully Raised	8' 7" (2,616 mm)	8' 0.3" (2,447 mm)	8' 4.6" (2,555 mm)	7' 9.7" (2,380 mm)	8' 4" (2,540 mm)	8' 1" (2,464 mm)	8'3.9" (2,540 mm)	8'2" (2,490 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" (786 mm)	2' 8" (813 mm)	2' 10" (889 mm)	2' 9" (840 mm)	3'0.9 (936 mm)	2' 8.3" (821 mm)
Transport Length (with Bucket)	12' 2.0 in (3,708 mm)	11' 4.8" (3,475 mm)	12' 2" (3,708 mm)	12' 2.2" (3,714 mm)	12' 4" (3,759 mm)	12' 4" (3,759 mm)	12' 0" (3,660 mm)	2'0.1" (3,660 mm)	11' 10.9" (3,631 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	10' 0" (3,050 mm)	9'7" (2,920 mm)	9' 9.8" (2,943 mm)
Overall Width without Bucket	6' 0" (1,829 mm)	6' 0" (1,828 mm)	5' 9.6" (1,768 mm)	5' 6" (1,676 mm)	5' 9.5" (1,765 mm)	6' 0" (1,828 mm)	12' 6.0" (1,840 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" (2,001 mm)	6' 11" (2,110 mm)	6' 9" (2,057 mm)	6' 10" (2,083 mm)	6' 11.3" (2,120 mm)	6'9.3" (2,065 mm)	6' 6.8" (2,002 mm)
Minimum Ground Clearance	10.5" (267 mm)	8.1" (207 mm)	8.0" (203 mm)	8.9" (226 mm)	8.0" (203 mm)	9.4" (239 mm)	9.7" (250 mm)	8'1" (206 mm)	8.0" (203 mm)