

**TS80R Skid Steer Loader**  
**COMPETITIVE DETAILS**

	Takeuchi TS80R	Bobcat S630	Bobcat S650	Case SR240	Caterpillar 246D	Caterpillar 262D	Deere 326E	Gehl R260	Kubota SSV75
<b>PERFORMANCE</b>									
Loader Boom Design	Radial	Radial	Radial	Radial	Radial	Vertical	Vertical	Radial	Vertical
Operating Weight	7,950 lb (3,606 kg)	7,610 lb (3,452 kg)	8,061 lb (3,656 kg)	7,400 lb (3,350 kg)	7,424 lb (3,368 kg)	8,011 lb (3,634 kg)	8,200 lb (3,723 kg)	8,200 lb (3,709 kg)	8,157 lb (3,700 kg)
Tipping Load	5,650 lb (2,562 kg)	4,360 lb (1,978 kg)	5,380 lb (2,440 kg)	4,800 lb (2,177 kg)	4,300 lb (1,950 kg)	5,400 lb (2,449 kg)	5,380 lb (2,443 kg)	5,200 lb (2,359 kg)	5,380 lb (2,440 kg)
Operating Capacity*	2,852 lb (1,281 kg)	2,180 lb (1,989 kg)	2,690 lb (1,220 kg)	2,400 lb (1,088 kg)	2,150 lb (975 kg)	2,700 lb (1,225 kg)	2,690 lb (1,221 kg)	2,600 lb (1,179 kg)	2,690 lb (1,220 kg)
Bucket Breakout Force	5,845 lb (7,211 kg)	NP	NP	8,680 lb (3,937 kg)	7,355 lb (3,336 kg)	7,355 lb (3,336 kg)	7,750 lb (3,519 kg)	NP	5,884 lb (2,669 kg)
Lift Arm Breakout Force	7,080 lb (3,211 kg)	NP	NP	5,530lb (2,508 kg)	NP	NP	5,000 lb (2,270 kg)	NP	4,850 lb (2,220 kg)
Traction Force	8,700 lb (3,946 kg)	NP	NP	NP	NP	NP	8,725 lb (3,958 kg)	NP	8,494 lb (3,853 kg)

<b>ENGINE</b>									
Make / Model	Duetz TD 2.9L4 Turbo	NP	NP	FPT / F5H FL463	CAT C3.3B DIT Turbo	Cat / 3.3B DIT	Yanmar / 4TNV98	Yanmar / 4TNV98CT	Kubota V3307CR TE4
Tier Rating	EPA Final Tier 4	EPA Final Tier 4	EPA Final Tier 4	EPA FinalTier 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)	74.0 hp (55 kW)	74.3 hp (55.4 kW)	74.3 hp (55.4 kW)	74 hp (55.2 kW)	72.0 hp (53.7 kW)	74.3 hp (55.4 kW)
Rated Engine Speed	2,600 rpm	2,600 rpm	2,600 rpm	2,500 rpm	NP	NP	2,500 rpm	2,500 rpm	2,600 rpm
Maximum Torque	192 ft-lb (260 Nm)	209.4 ft-lb (283.9 Nm)	209.4 ft-lb (283.9 Nm)	232 ft-lb (314 Nm)	NP	NP	207 ft-lb (280 Nm)	217 ft-lb (294 Nm)	196 ft-lb (265 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" (1,242 mm)	3'9.3" (1,151 mm)	3'9.3" (1,151 mm)	4'4" (1,321 mm)	9'1.2" (1,249 mm)	4'1.2" (1,249 mm)	4'0.3" (1,227 mm)	4'1.5" (1,257 mm)	3'11.2" (1,119 mm)
Travel Speed Max	8.2 mph (13.1 km/hr)	7.1 mph (11.4 km/h)	7.1 mph (11.4 km/h)	7.1 mph (11.4 km/hr)	7.7 mph (12.5 km/hr)	7.7 mph (12.5 km/hr)	6.5 mph (10.5 km/hr)	8.0 mph (12.9 km/hr)	9.4 mph (11.9 km/hr)
Travel Speed - Optional 2 Speed	11.0 mph (17.7 km/hr)	12.3 mph (19.8 km/hr)	12.3 mph (19.8 km/hr)	10.5 mph (16.9 km/hr)	11.0 mph (17.7 km/hr)	11.0 mph (17.7 km/hr)	10.0 mph (16.1 km/hr)	11.9 mph (19.2 km/hr)	11.8 mph (19.0 km/hr)

<b>HYDRAULIC SYSTEM</b>									
Hydraulic Reservoir Capacity	10.0 gal (37.8 L/m)	NP	NP	7.0 gal (26.5 L)	10.3gal (39 L)	10.3gal (39 L)	NP	8.0 gal (30.3 L)	4.2 gal (16.0 L)
Auxiliary Flow - Standard	21.5 gpm (81 L/m)	23.0 gpm (87.1 L/m)	23.0 gpm (87.1 L/m)	24.2 gpm (91.5 L/m)	23.0 gpm (86 L/m)	23.0 gpm (86 L/m)	21.0 gpm (80 L/m)	23.5 gpm (90.0 L/m)	20.9 gpm (79 L/m)
Auxiliary Flow - High Flow	31.0 gpm (117.3 L/m)	30.5gpm (115 L/m)	30.5gpm (115 L/m)	37.6 gpm (1,425 L/m)	32.0 gpm (121 L/m)	32.0 gpm (121 L/m)	29.0 gpm (110 L/m)	35.0 gpm (132.5 L/m)	30.4 gpm (115 L/m)
Hydraulic System Pressure	3,335 psi (22.7 MPa)	3,500 psi (24.1 MPa)	3,500 psi (24.1 MPa)	3,046 psi (21.0 MPa)	3,336 psi (23.0 MPa)	3,336 psi (23.0 MPa)	3,450 psi (23.8 MPa)	NP	3,271 psi (22.6 MPa)

<b>DIMENSIONS</b>									
Max. Lift Height to Bucket Pin	10' 5" (3,175 mm)	10' 1" (3,073 mm)	10' 4" (3,150 mm)	10' 5.1" (3,178 mm)	10' 4.2" (3,154 mm)	10' 4.9" (3,172 mm)	10' 5.4" (3,185 mm)	10' 3" (3,124 mm)	10'8.3" (3,258 mm)
Dump Height Fully Raised	8' 5" (2,540 mm)	7' 9" (2,367 mm)	8' 0.3" (2,447 mm)	8' 4.5" (2,553 mm)	8'1" (2,464 mm)	7'9.7" (2,380 mm)	8'3.9" (2,540 mm)	7' 10" (2,388 mm)	8'2" (2,490 mm)
Reach Fully Raised	2' 1" (635 mm)	1' 9.4" (544 mm)	2'7.5" (800 mm)	1'10.6" (574 mm)	1' 11.6" (600 mm)	2'6.9" (786 mm)	2'9" (840 mm)	2' 3" (686 mm)	3'0.9" (936 mm)
Transport Length (with Bucket)	12'1.5" (3,696 mm)	11' 4.8" (3,475 mm)	11'4.8" (3,475 mm)	11' 10.2" (3,612 mm)	12'2" (3,708 mm)	12' 2.2" (3,714 mm)	12'0" (3,660 mm)	11' 11" (3,632 mm)	12'0.1" (3,660 mm)
Length without Bucket	9' 3.5" (2,832 mm)	9' 0.4" (2,743 mm)	9' 0.4" (2,743 mm)	9' 9.4 (2,982 mm)	9' 9.8" (2,993 mm)	9' 9.9" (2,995 mm)	10'0" (3,050 mm)	9'3.5" (2,832 mm)	9'7" (2,920 mm)
Overall Width without Bucket	6' 0" (1,828 mm)	6' 0.1" (1,828 mm)	6' 0.1" (1,828 mm)	5' 9.6" (1,765 mm)	5' 6" (1,676 mm)	5' 6" (1,676 mm)	6'0.6" (1,840 mm)	5' 5.5" (1,664 mm)	5'11.8" (1,823 mm)
Overall Height	7' 0" (2,134 mm)	6' 9.3" (2,065 mm)	6' 9.3" (2,065 mm)	6' 6.8" (2,002 mm)	6' 11.1" (2,110 mm)	6' 11.1" (2,110 mm)	6'11.3" (2,120 mm)	6' 9" (2,057 mm)	6'9.3" (2,065 mm)
Minimum Ground Clearance	10.5" (267 mm)	8.1" (207 mm)	8.1" (207 mm)	8.0" (203 mm)	8'9" (226 mm)	8.9" (226 mm)	9.7" (250 mm)	8.0" (203 mm)	8.1 " (207 mm)