SS270V COMFORT EFFICIENT EPITOME VALUES





- Engine power 61.3 kW / 82.2 hp
- Operating Weight 4300 kg / 9480 lb
- O Rated load 1290 kg / 2850 lb
- O High Flow 133 L/min / 35.1 gpm

KEY FEATURES

Comfortable ride

Spacious and well-sealed cab with noise levels low. Upward-opening door for convenient access.

• Efficient performance

Vertical lift structure with high unloading height, dual-speed configuration, and quick transition speed for fast and efficient work.

Intelligent operation

Stable driving and automatic leveling systems with hydraulic pilot control and DA power distribution technology for precise movements.

Versatile use

Standard and high-flow output options with various attachments available, such as buckets, sweepers, snow removers, millers, and augers, to meet different job requirements.

PERFORMANCE PARAMETERS

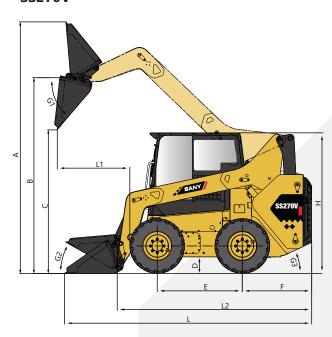
SS270V

Engine Model	Yanmar 4TNV98T
Engine Speed	2400 rpm
Rated Power	61.3 kW / 82.2 hp
Peak Torque	280 N.m / 206 lbf-ft at 1850 rmp
Displacement	$3.319 L / 203 in^3$
Aspiration	Turbo-charger
Emissions	Stage III
Cycle Time (Raise/Lower/D	ump) 9.3 s
Loader Hydraulic Pressure	23 MPa / 3336 psi
Battery Voltage	12 V
Diesel Tank	100 L / 26.4 gal

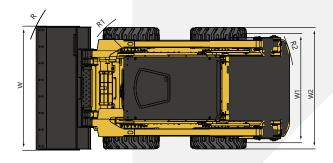
Rated Operating Capacity	1290 kg / 2850 lb	
Tipping Load	2580 kg / 5700 lb	
Operating Weight	4300 kg / 9480 lb	
Breakout Force, Tilt	28.8 kN / 6670 lb	
Cylinder One Speed	11.1 km/h / 6.9 mph	
Two Speed	20 km/h / 12.4 mph	
Tire Size	12-16.5 14 PR	
Standard Flow	90 L/min / 23.8 gpm	
High Flow	125 L/min / 33 gpm	
Lift Geometry	Vertical Lift	
Cab	FOPS & ROPS	

OVERALL MACHINE SIZE

SS270V



A Maximum Overall Height B Bucket Pin Height at Maximum Lift C Clearance at Maximum Lift and Dump L1 Reach at Maximum Lift and Dump D Ground Clearance E Wheelbase 1300 mm / 51.2 in F Bumper Overhang behind Rear Axle R Turning Radius from Center-Bucket R1 Turning Radius from Center-Coupler R220 mm / 87.9 in R2 Turning Radius from Center-Machine Rear G1 Maximum Dump Angle G2 Rollback Angle of Bucket on Ground G3 Departure Angle L2 Length without Bucket D430 mm / 117.8 in L Length with Bucket on Ground W1 Wheel Track W2 Width without Bucket H Height to Top of Cab A200 mm / 165.5 in 3350 mm / 132 in 2620 mm / 103.2 in 228 mm / 9 in 1300 mm / 51.2 in 1352 mm / 53.3 in 1352 mm / 53.3 in 1352 mm / 68.3 in 2300 mm / 68.3 in 1733 mm / 68.3 in 1733 mm / 68.3 in 1733 mm / 68.3 in 1735 mm / 173 in 1748 in 1756 mm / 148 in 1757 in W Width with Bucket 1820 mm / 71.7 in W Width with Bucket 1880 mm / 74.1 in		
C Clearance at Maximum Lift and Dump L1 Reach at Maximum Lift and Dump D Ground Clearance E Wheelbase 1300 mm / 51.2 in F Bumper Overhang behind Rear Axle R Turning Radius from Center-Bucket R1 Turning Radius from Center-Coupler R230 mm / 87.9 in R1 Turning Radius from Center-Wachine Rear R2 Turning Radius from Center-Machine Rear R3 mm / 68.3 in G1 Maximum Dump Angle G2 Rollback Angle of Bucket on Ground G3 Departure Angle L2 Length without Bucket L2 Length with Bucket on Ground W1 Wheel Track M2 Width without Bucket R200 mm / 117.8 in W2 Width without Bucket R200 mm / 71.7 in W Width with Bucket R200 mm / 74.1 in	A Maximum Overall Height	$4200\ mm/165.5$ in
L1 Reach at Maximum Lift and Dump D Ground Clearance E Wheelbase 1300 mm / 51.2 in F Bumper Overhang behind Rear Axle R Turning Radius from Center-Bucket R1 Turning Radius from Center-Coupler R2 Turning Radius from Center-Machine Rear R2 Turning Radius from Center-Machine Rear G1 Maximum Dump Angle G2 Rollback Angle of Bucket on Ground G3 Departure Angle L2 Length without Bucket L2 Length with Bucket on Ground W1 Wheel Track W2 Width without Bucket R2 Turning Radius from Center-Machine Rear R3 mm / 68.3 in R3 Turning Radius from Center-Machine Rear R43° G2 Rollback Angle of Bucket on Ground R30° R3 Departure Angle 25° L485 mm / 148 in W1 Wheel Track R485 mm / 58.5 in W2 Width without Bucket R80 mm / 74.1 in	B Bucket Pin Height at Maximum Lift	3350 mm / 132 in
D Ground Clearance 228 mm / 9 in E Wheelbase 1300 mm / 51.2 in F Bumper Overhang behind Rear Axle 1050 mm / 41.4 in R Turning Radius from Center-Bucket 2230 mm / 87.9 in R1 Turning Radius from Center-Coupler 1352 mm / 53.3 in R2 Turning Radius from Center-Machine Rear 1733 mm / 68.3 in G1 Maximum Dump Angle 43° G2 Rollback Angle of Bucket on Ground 30° G3 Departure Angle 25° L2 Length without Bucket 2991 mm / 117.8 in L Length with Bucket on Ground 3756 mm / 148 in W1 Wheel Track 1485 mm / 58.5 in W2 Width without Bucket 1820 mm / 71.7 in W Width with Bucket 1880 mm / 74.1 in	C Clearance at Maximum Lift and Dump	2620 mm / 103.2 in
E Wheelbase 1300 mm / 51.2 in F Bumper Overhang behind Rear Axle 1050 mm / 41.4 in R Turning Radius from Center-Bucket 2230 mm / 87.9 in R1 Turning Radius from Center-Coupler 1352 mm / 53.3 in R2 Turning Radius from Center-Machine Rear 1733 mm / 68.3 in G1 Maximum Dump Angle 43° G2 Rollback Angle of Bucket on Ground 30° G3 Departure Angle 25° L2 Length without Bucket 2991 mm / 117.8 in L Length with Bucket on Ground 3756 mm / 148 in W1 Wheel Track 1485 mm / 58.5 in W2 Width without Bucket 1820 mm / 71.7 in W Width with Bucket 1880 mm / 74.1 in	L1 Reach at Maximum Lift and Dump	985 mm / 38.8 in
F Bumper Overhang behind Rear Axle R Turning Radius from Center-Bucket 2230 mm / 87.9 in R1 Turning Radius from Center-Coupler 1352 mm / 53.3 in R2 Turning Radius from Center-Machine Rear 1733 mm / 68.3 in G1 Maximum Dump Angle 43° G2 Rollback Angle of Bucket on Ground 30° G3 Departure Angle L2 Length without Bucket 2991 mm / 117.8 in L Length with Bucket on Ground 3756 mm / 148 in W1 Wheel Track 1485 mm / 58.5 in W2 Width without Bucket 1820 mm / 71.7 in W Width with Bucket	D Ground Clearance	228 mm / 9 in
R Turning Radius from Center-Bucket R1 Turning Radius from Center-Coupler R2 Turning Radius from Center-Machine Rear R352 mm / 53.3 in R2 Turning Radius from Center-Machine Rear G1 Maximum Dump Angle G2 Rollback Angle of Bucket on Ground G3 Departure Angle L2 Length without Bucket L2 Length with Bucket on Ground 3756 mm / 148 in W1 Wheel Track W2 Width without Bucket 1820 mm / 71.7 in W Width with Bucket 1880 mm / 74.1 in	E Wheelbase	1300 mm / 51.2 in
R1 Turning Radius from Center-Coupler R2 Turning Radius from Center-Machine Rear G1 Maximum Dump Angle G2 Rollback Angle of Bucket on Ground G3 Departure Angle L2 Length without Bucket L2 Length with Bucket on Ground W1 Wheel Track W2 Width without Bucket W2 Width without Bucket M30° 25° 1485 mm / 148 in W2 Width without Bucket 1820 mm / 71.7 in W Width with Bucket	F Bumper Overhang behind Rear Axle	1050 mm / 41.4 in
R2 Turning Radius from Center-Machine Rear 1733 mm / 68.3 in G1 Maximum Dump Angle 43 ° G2 Rollback Angle of Bucket on Ground 30 ° G3 Departure Angle 25 ° L2 Length without Bucket 2991 mm / 117.8 in L Length with Bucket on Ground 3756 mm / 148 in W1 Wheel Track 1485 mm / 58.5 in W2 Width without Bucket 1820 mm / 71.7 in W Width with Bucket 1880 mm / 74.1 in	R Turning Radius from Center-Bucket	2230 mm / 87.9 in
G1 Maximum Dump Angle 43 ° G2 Rollback Angle of Bucket on Ground 30 ° G3 Departure Angle 25 ° L2 Length without Bucket 2991 mm / 117.8 in L Length with Bucket on Ground 3756 mm / 148 in W1 Wheel Track 1485 mm / 58.5 in W2 Width without Bucket 1820 mm / 71.7 in W Width with Bucket 1880 mm / 74.1 in	R1 Turning Radius from Center-Coupler	1352 mm / 53.3 in
G2 Rollback Angle of Bucket on Ground G3 Departure Angle L2 Length without Bucket L2 Length with Bucket on Ground T17.8 in U1 Wheel Track T2991 mm / 117.8 in W1 Wheel Track T485 mm / 58.5 in W2 Width without Bucket T820 mm / 71.7 in W Width with Bucket T880 mm / 74.1 in	R2 Turning Radius from Center-Machine Rear	1733 mm / 68.3 in
G3 Departure Angle 25 ° L2 Length without Bucket 2991 mm / 117.8 in L Length with Bucket on Ground 3756 mm / 148 in W1 Wheel Track 1485 mm / 58.5 in W2 Width without Bucket 1820 mm / 71.7 in W Width with Bucket 1880 mm / 74.1 in	G1 Maximum Dump Angle	43 °
L2 Length without Bucket 2991 mm / 117.8 in L Length with Bucket on Ground 3756 mm / 148 in W1 Wheel Track 1485 mm / 58.5 in W2 Width without Bucket 1820 mm / 71.7 in W Width with Bucket 1880 mm / 74.1 in	G2 Rollback Angle of Bucket on Ground	30 °
L Length with Bucket on Ground 3756 mm / 148 in W1 Wheel Track 1485 mm / 58.5 in W2 Width without Bucket 1820 mm / 71.7 in W Width with Bucket 1880 mm / 74.1 in	G3 Departure Angle	25 °
W1 Wheel Track 1485 mm / 58.5 in W2 Width without Bucket 1820 mm / 71.7 in W Width with Bucket 1880 mm / 74.1 in	L2 Length without Bucket	2991 mm / 117.8 in
W2 Width without Bucket 1820 mm / 71.7 in W Width with Bucket 1880 mm / 74.1 in	L Length with Bucket on Ground	3756 mm / 148 in
W Width with Bucket 1880 mm / 74.1 in	W1 Wheel Track	1485 mm / 58.5 in
	W2 Width without Bucket	1820 mm / 71.7 in
H Height to Top of Cab 2100 mm / 82 7 in	W Width with Bucket	1880 mm / 74.1 in
2100 mm / 02.7 m	H Height to Top of Cab	2100 mm / 82.7 in





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