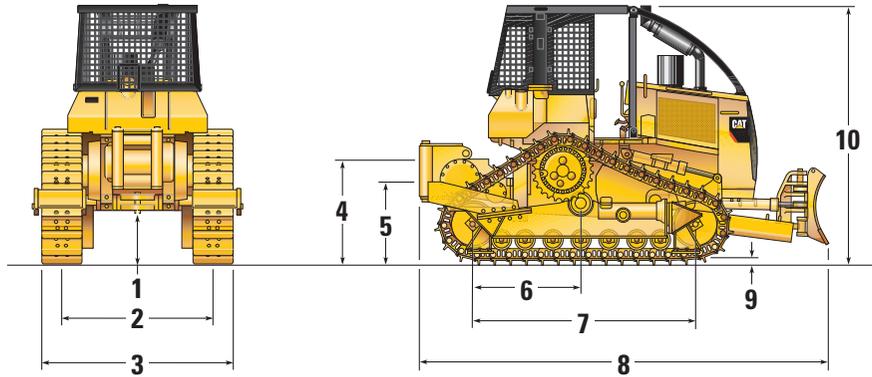


# 527 Track Skidder

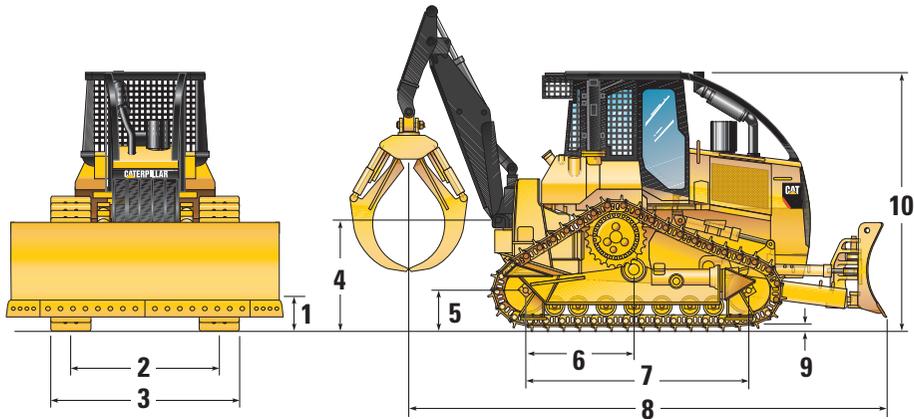
## Dimensions

All dimensions are approximate.



### Cable

1 Ground clearance	712 mm	28.03 in
2 Track gauge	2160 mm	85.04 in
3 Overall width without blade and with 559 mm (22 in) shoes	2720 mm	107.09 in
Overall width without blade and with 610 mm (24 in) shoes	2770 mm	109.06 in
4 Height to top of drum	1339 mm	52.72 in
5 Height to center of drum	1048 mm	41.26 in
6 Pivot shaft to rear idler	1380 mm	54.33 in
7 Length of track on ground	2846 mm	112.05 in
8 Overall length – blade to back of winch	5224 mm	205.67 in
9 Grouser height	65 mm	2.56 in
10 Shipping height	3298 mm	129.84 in



### Swing Boom

1 Ground clearance	712 mm	28.03 in
2 Track gauge	2160 mm	85.04 in
3 Overall width without blade and with 760 mm (30 in) shoes	3020 mm	118.90 in
4 Height to swing boom pivot pin	1408 mm	55.43 in
5 Height to center of idlers	452 mm	17.80 in
6 Pivot shaft to rear idler	1595 mm	62.79 in
7 Length of track on ground	3061 mm	120.51 in
8 Overall length – blade and boom retracted	6137 mm	241.61 in
Overall length – blade and boom extended	8166 mm	321.50 in
9 Grouser height	65 mm	2.56 in
10 Shipping height	3298 mm	129.84 in

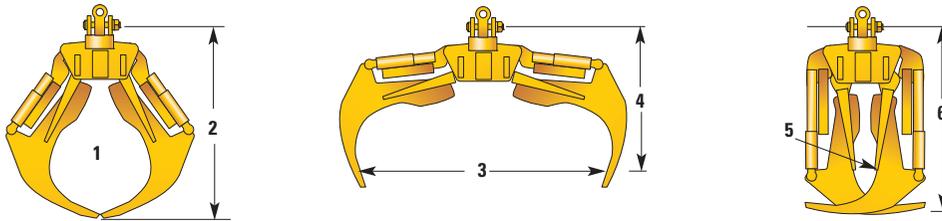
# 527 Track Skidder

## Grapples

Choose from a variety of grapple configuration to meet your needs.

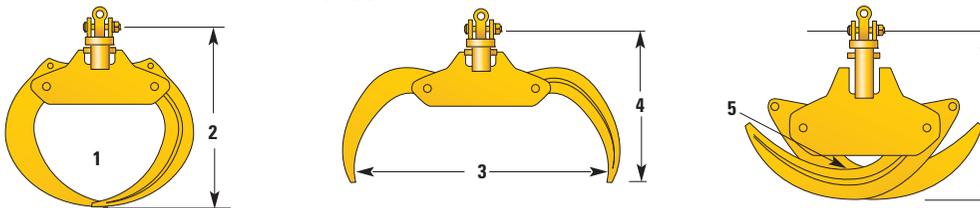
### Sorting Grapple

- Used for 305 mm (12 in) or larger diameter trees
- Designed to pick-up individual or several stems for quick cycles



### Bunching Grapple

- Used for 305 mm (12 in) or smaller diameter trees
- Designed to gather bundle of stems and maximize grapple loads

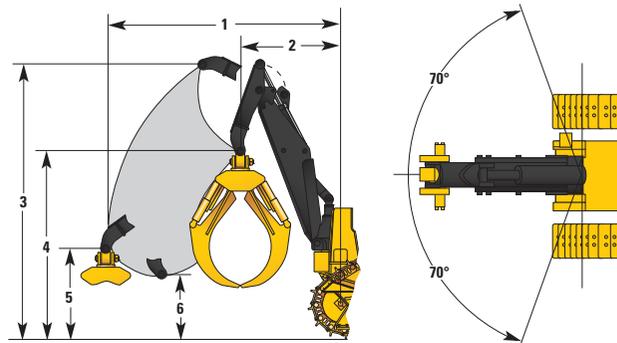


### Grapple for 527

	Sorting 2.54 m (100 in)	Bunching 2.79 m (110 in)
1 Grapple capacity	0.84 m <sup>2</sup> (9 ft <sup>2</sup> )	0.93 m <sup>2</sup> (10 ft <sup>2</sup> )
2 Tip to tip height	2040 mm (80.5 in)	2020 mm (79.5 in)
3 Tong opening	2540 mm (100 in)	2794 mm (110 in)
4 Full open height	1560 mm (61.5 in)	1780 mm (70 in)
5 Minimum stem diameter	76 mm (3 in)	76 mm (3 in)
6 Fully closed height	1830 mm (72 in)	1360 mm (53.5 in)

## Arch Configurations

With a swing boom attachment, the 527 needs less maneuvering and positioning to reach downed timber delivering high productivity, and less ground disturbance.



	1		2		3		4		5		6	
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
Swing Boom Arch	3329	131.1	1301	51.2	4084	160.8	2792	109.9	1358	53.5	933.5	36.8

# 527 Track Skidder

## Minimized Ground Disturbance

The extended track roller frame increases the track-to-ground contact area and decreases the ground pressure thereby increasing the 527's flotation and providing maximum performance and maneuverability in soft underfoot locations. Increased flotation also reduces the environmental impact, enabling the 527 to operate in site-sensitive applications.

### Ground Pressures

Model	Weight*		Shoe Width		Contact Area		Ground Pressure	
	kg	lb	mm	in	m <sup>2</sup>	in <sup>2</sup>	kPa	psi
527CA	18 695	41,217	560	22	3.2	4932	57.6	8.36
527CA	18 763	41,365	610	24	3.5	5382	53.0	7.69
527GR	21 900	48,281	760	30	4.9	7560	44.0	6.39

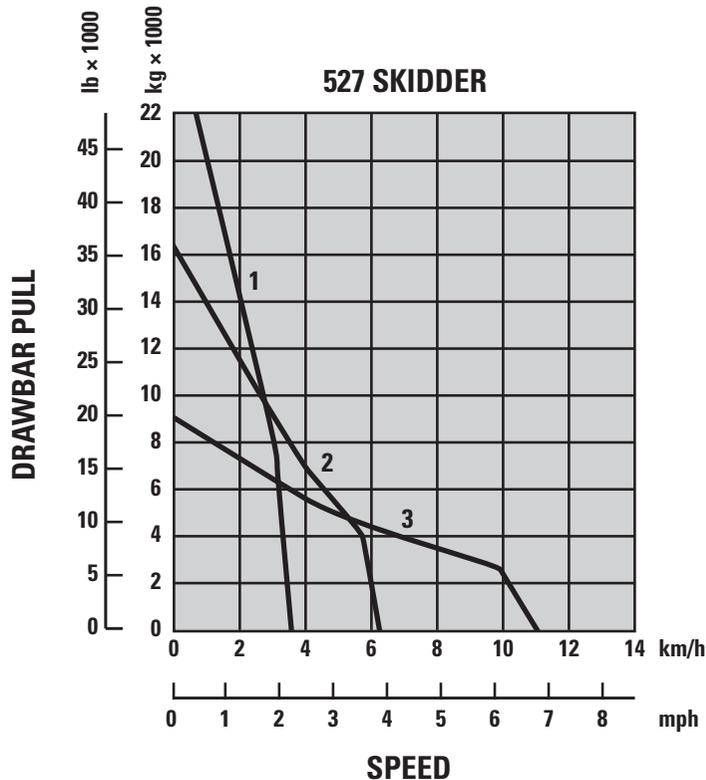
\* Note – Actual weights are approximate and will vary depending on machine configuration.

527CA – Includes Frame, 7-Roller; Canopy, ROPS; 527-PAT Blade; Winch with Fairlead; Guard, Track; and Shoe Width specified

527GR – Includes Frame, 8-Roller; Cab, Enclosed ROPS; 5P-PAT Blade; Swing Boom; 2794 mm (110 inch) Bunching Grapple; Guard, Track; and 760 mm (30 inch) Shoe Width

## Power – Drawbar Pull

The 124 gross kW (166 gross horsepower) and a torque converter driveline provide a 49 percent torque rise and a drawbar pull of 30 275 kg-force (66,746 lb-force). This pulling power enables the 527 to overcome drag loads created during skidding.



1 – 1st Gear

2 – 2nd Gear

3 – 3rd Gear

**NOTE:** Usable pull will depend upon weight and traction of equipped tractor.