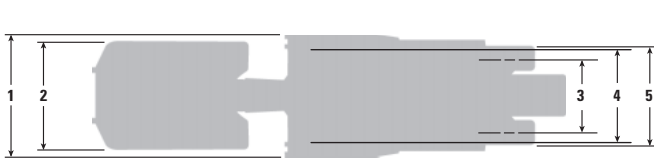


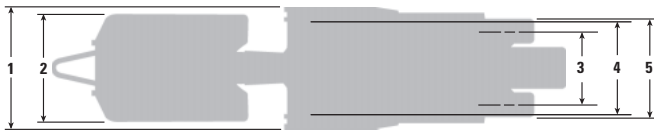
631G/637G Wheel Tractor Scrapers

Dimensions

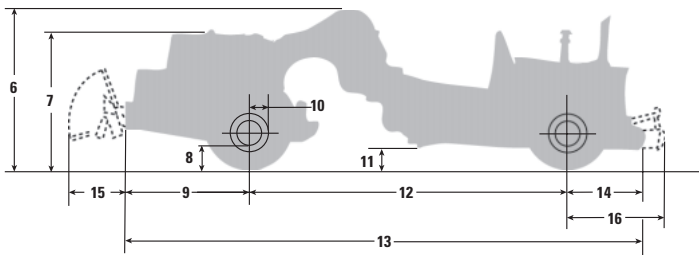
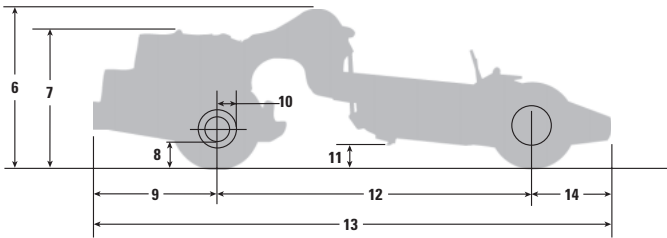
All dimensions are approximate.



631G



637G



1	Width – overall machine	3938 mm	155 in
2	Width – tractor	3481 mm	137 in
3	Width – rear tire center lines	2464 mm	97 in
4	Width – inside of bowl	3405 mm	134 in
5	Width – outside rear tires	3636 mm	143.2 in
6	Height – overall shipping	4286 mm	168.8 in
7	Height – top of cab	3715 mm	146.3 in
8	Ground Clearance, Tractor	665 mm	26.2 in
9	Front of Tractor to Front Axle	3359 mm	132.2 in
10	Axle to Vertical Hitch Pin	548 mm	21.6 in

11	Height – scraper blade max.	545 mm	21.5 in
12	Wheelbase	8769 mm	345.2 in
13	Length – overall machine	14 565 mm	573.4 in
14	Rear Axle to Rear of Machine	2437 mm	96 in
15	Bail Length – max. (push-pull)	4960 mm	195.3 in
16	Extended Push Block (push-pull)	2744 mm	108 in

631G/637G Wheel Tractor Scrapers

Weights

(approximate)

Model		631G		637G		637G	
				Standard		Push-Pull	
Shipping, with ROPS cab and 10% fuel							
Front axle		67%		59%		59%	
		30 393 kg	67,005 lb	30 177 kg	66,529 lb	31 071 kg	68,499 lb
Rear axle		33%		41%		41%	
		14 969 kg	33,001 lb	20 970 kg	46,231 lb	21 591 kg	47,601 lb
Total 100%		45 362 kg	100,006 lb	51 147 kg	112,760 lb	52 662 kg	116,100 lb
Operating empty, with ROPS cab, full fuel tanks and operator							
Front axle		67%		59%		59%	
		31 138 kg	68,648 lb	30 708 kg	67,700 lb	31 602 kg	69,670 lb
Rear axle		33%		41%		41%	
		15 337 kg	33,812 lb	21 339 kg	47,044 lb	21 960 kg	48,414 lb
Total 100%		46 475 kg	102,460 lb	52 047 kg	114,744 lb	53 562 kg	118,084 lb
Loaded, based on a rated load of 37 285 kg (82,200 lb)							
Front axle		53%		49%		49%	
		44 393 kg	97,870 lb	43 773 kg	96,503 lb	44 515 kg	98,139 lb
Rear axle		47%		51%		51%	
		39 367 kg	86,790 lb	45 559 kg	100,441 lb	46 332 kg	102,145 lb
Total 100%		83 760 kg	184,660 lb	89 332 kg	196,944 lb	90 874 kg	200,284 lb

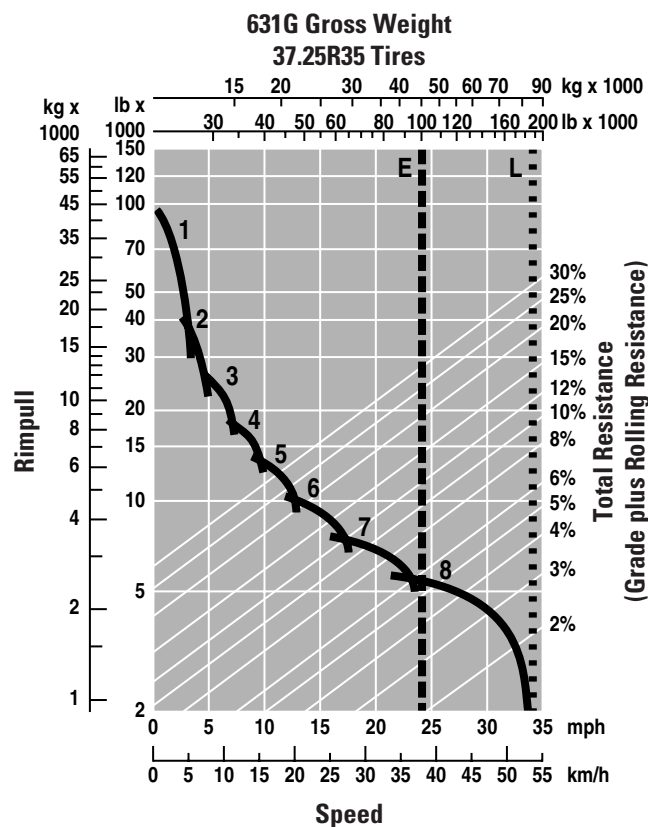
Transmission

Model		631G		637G	
Forward	1	4.7 kph	2.9 mph	5.5 kph	3.4 mph
	2	8.4 kph	5.2 mph	10.0 kph	6.2 mph
	3	11.9 kph	7.4 mph	12.2 kph	7.6 mph
	4	16.1 kph	10.0 mph	16.6 kph	10.3 mph
	5	21.6 kph	13.4 mph	22.2 kph	13.8 mph
	6	29.3 kph	18.2 mph	30.1 kph	18.7 mph
	7	39.4 kph	24.5 mph	40.6 kph	25.2 mph
	8	53.5 kph	33.2 mph	54.9 kph	34.1 mph
Reverse		9.9 kph	6.2 mph	9.9 kph	6.2 mph

631G/637G Wheel Tractor Scrapers

Gradeability/Speed/Rimpull

To determine gradeability performance: Read from gross weight down to the percent of total resistance. Total resistance equals actual percent grade plus 1% for each 9 kg/t (20 lb/ton) of rolling resistance. From this weight-resistance point, read horizontally to the curve with the highest obtainable gear, then down to maximum speed. Usable rimpull will depend upon traction available and weight on drive wheels.

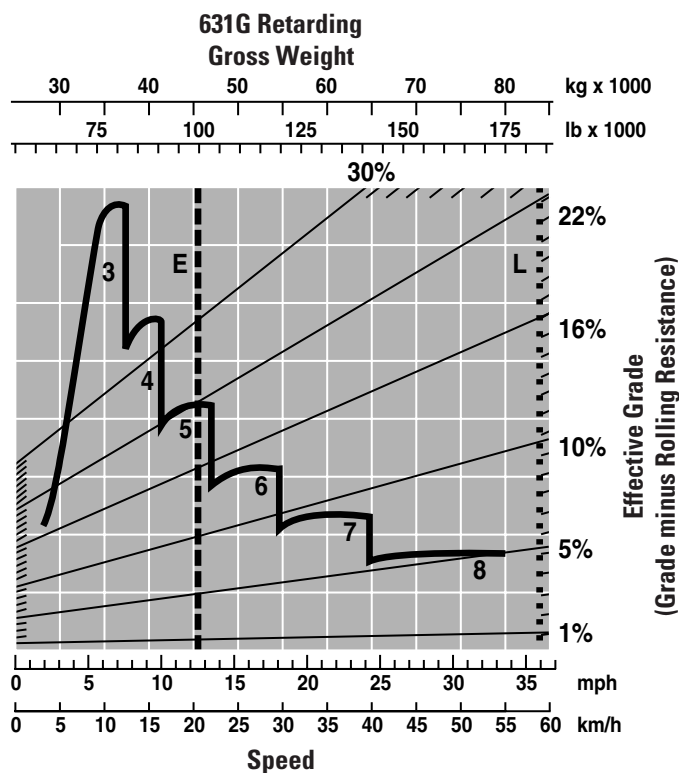


- 1—1st Gear Torque Converter Drive
- 2—2nd Gear Torque Converter Drive
- 3—3rd Gear Direct Drive
- 4—4th Gear Direct Drive
- 5—5th Gear Direct Drive
- 6—6th Gear Direct Drive
- 7—7th Gear Direct Drive
- 8—8th Gear Direct Drive

— E—Empty 46 475 kg (102,460 lb)
- - - L—Loaded 83 760 kg (184,660 lb)

Retarding

To determine retarding performance: Read from gross weight down to the percent effective grade. (Effective grade equals actual percent grade minus 1% for each 9 kg/t (20 lb/ton) of rolling resistance). From this weight-effective grade point, read horizontally to the curve with the highest obtainable speed range, then down to maximum descent speed the retarder can properly handle.



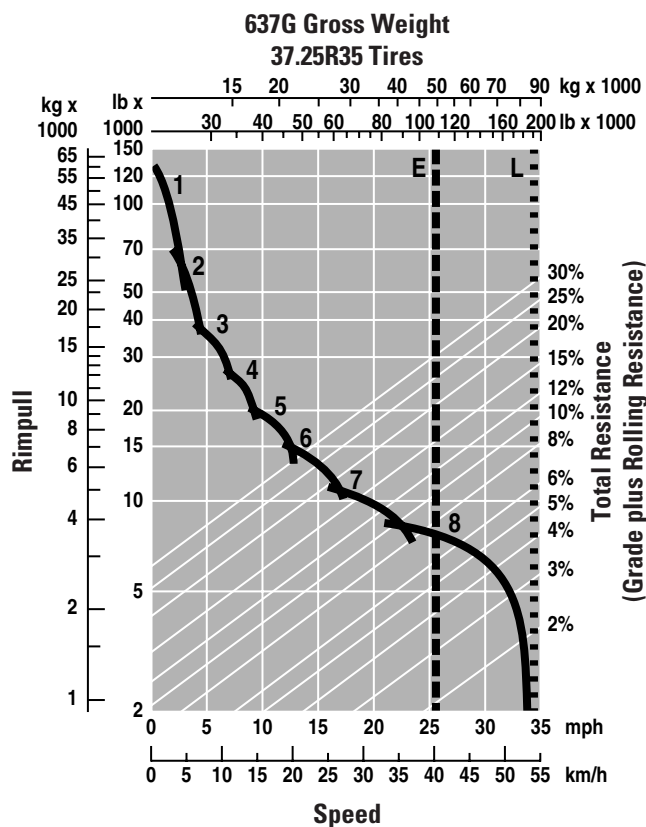
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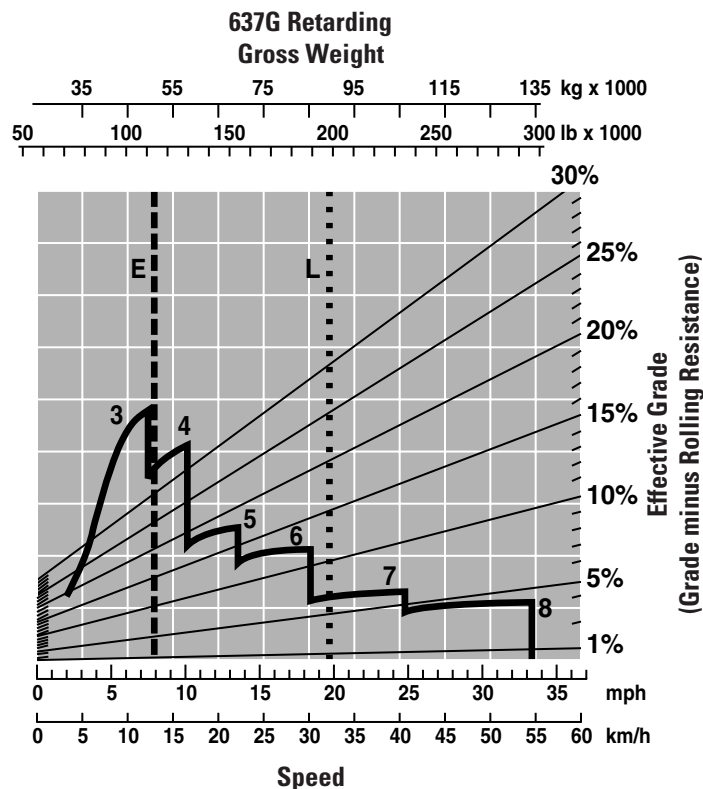


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