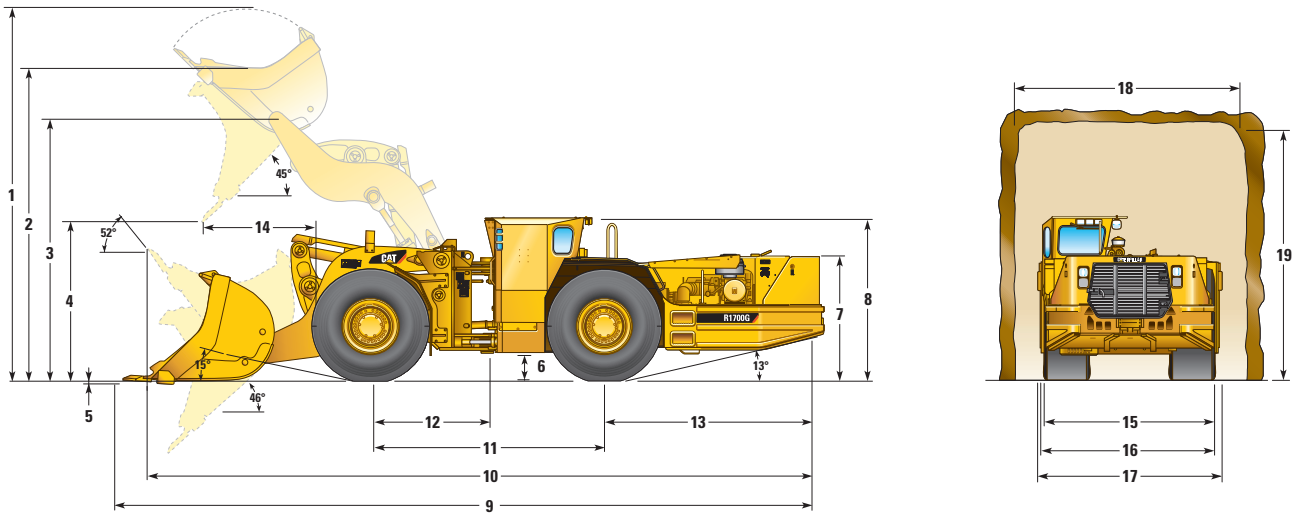


R1700G Underground Mining Loader

Dimensions

All dimensions are approximate.

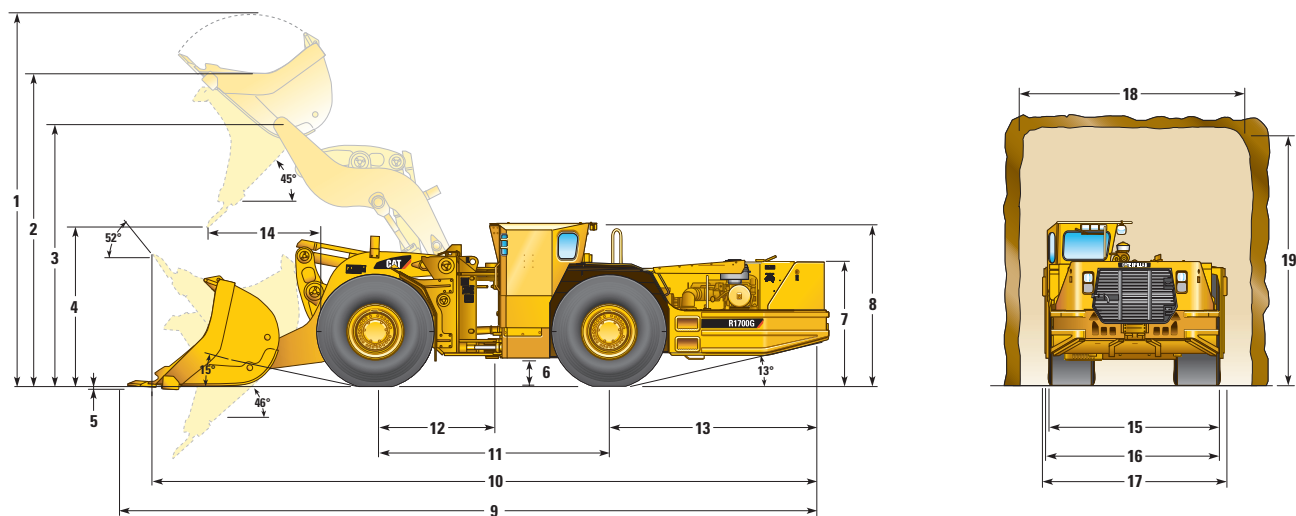


	256-0862		255-9970		252-7194		226-5404	
	Dump Bucket	Dump Bucket	Dump Bucket	Dump Bucket	Dump Bucket	Dump Bucket	Dump Bucket	Dump Bucket
Bucket Capacity	4.6 m ³	6.0 yd ³	5.0 m ³	6.5 yd ³	5.7 m ³	7.5 yd ³	6.6 m ³	8.6 yd ³
	mm	in	mm	in	mm	in	mm	in
Bucket Width over Cutting Edge	2672	105.2	2672	105.2	2772	109.1	2932	115.4
1 Height – Bucket Raised	5511	217.0	5511	217.0	5606	220.7	5680	223.6
2 Height – Max Dump	4899	192.9	4899	192.9	4899	192.9	4899	192.9
3 Height – Max Lift Bucket Pin	4104	161.6	4104	161.6	4104	161.6	4104	161.6
4 Height – Dump Clearance at Max Lift	2648	104.3	2524	99.4	2443	96.2	2392	94.2
5 Height – Digging Depth	5	0.2	15	0.6	20	0.8	26	1.0
6 Height – Ground Clearance	429	16.9	429	16.9	429	16.9	429	16.9
7 Height – Top of Hood	1968	77.5	1968	77.5	1968	77.5	1968	77.5
8 Height – Top of ROPS	2557	100.7	2557	100.7	2557	100.7	2557	100.7
9 Length – Overall (Digging)	10 746	423.1	10 915	429.7	11 035	434.4	11 105	437.2
10 Length – Overall (Tramming)	10 447	411.3	10 549	415.3	10 589	416.9	10 663	419.8
11 Length – Wheelbase	3680	144.9	3680	144.9	3680	144.9	3680	144.9
12 Length – Front Axle to Hitch	1840	72.4	1840	72.4	1840	72.4	1840	72.4
13 Length – Rear Axle to Bumper	3439	135.4	3439	135.4	3439	135.4	3439	135.4
14 Length – Reach	1526	60.1	1639	64.5	1741	68.5	1768	69.6
15 Width – Overall Tire	2650	104.3	2650	104.3	2650	104.3	2650	104.3
16 Width – Machine with Bucket	2790	109.8	2790	109.8	2894	113.9	3050	120.1
17 Width – Machine without Bucket	2689	105.9	2689	105.9	2689	105.9	2689	105.9
18 Recommended Clearance Width	4000	157.5	4000	157.5	4000	157.5	4000	157.5
19 Recommended Clearance Height	4000	157.5	4000	157.5	4000	157.5	4000	157.5

R1700G Underground Mining Loader

Dimensions

All dimensions are approximate.



	256-0356		256-0386		281-0445	
	Dump Bucket	Dump Bucket	Dump Bucket	Dump Bucket	Ejector Bucket	Ejector Bucket
Bucket Capacity	7.3 m ³	9.5 yd ³	8.8 m ³	11.5 yd ³	5.6 m ³	7.3 yd ³
	mm	in	mm	in	mm	in
Bucket Width over Cutting Edge	2982	117.4	3492	137.5	2780	109.4
1 Height – Bucket Raised	5751	226.4	5751	226.4	5858	230.6
2 Height – Max Dump	4899	192.9	4899	192.9	4913	193.4
3 Height – Max Lift Bucket Pin	4104	161.6	4104	161.6	4104	161.6
4 Height – Dump Clearance at Max Lift	2320	91.3	2320	91.3	2352	92.6
5 Height – Digging Depth	33	1.3	33	1.3	76	3.0
6 Height – Ground Clearance	429	16.9	429	16.9	429	16.9
7 Height – Top of Hood	1968	77.5	1968	77.5	1968	77.5
8 Height – Top of ROPS	2557	100.7	2557	100.7	2557	100.7
9 Length – Overall (Digging)	11 207	441.2	11 207	441.2	11 132	438.3
10 Length – Overall (Tramming)	10 724	422.2	10 724	422.2	10 706	421.5
11 Length – Wheelbase	3680	144.9	3680	144.9	3680	144.9
12 Length – Front Axle to Hitch	1840	72.4	1840	72.4	1840	72.4
13 Length – Rear Axle to Bumper	3439	135.4	3439	135.4	3439	135.4
14 Length – Reach	1836	72.3	1836	72.3	1738	68.4
15 Width – Overall Tire	2650	104.3	2650	104.3	2650	104.3
16 Width – Machine with Bucket	3104	122.2	3610	142.1	2902	114.3
17 Width – Machine without Bucket	2689	105.9	2689	105.9	2689	105.9
18 Recommended Clearance Width	4000	157.5	4000	157.5	4000	157.5
19 Recommended Clearance Height	4000	157.5	4000	157.5	4000	157.5

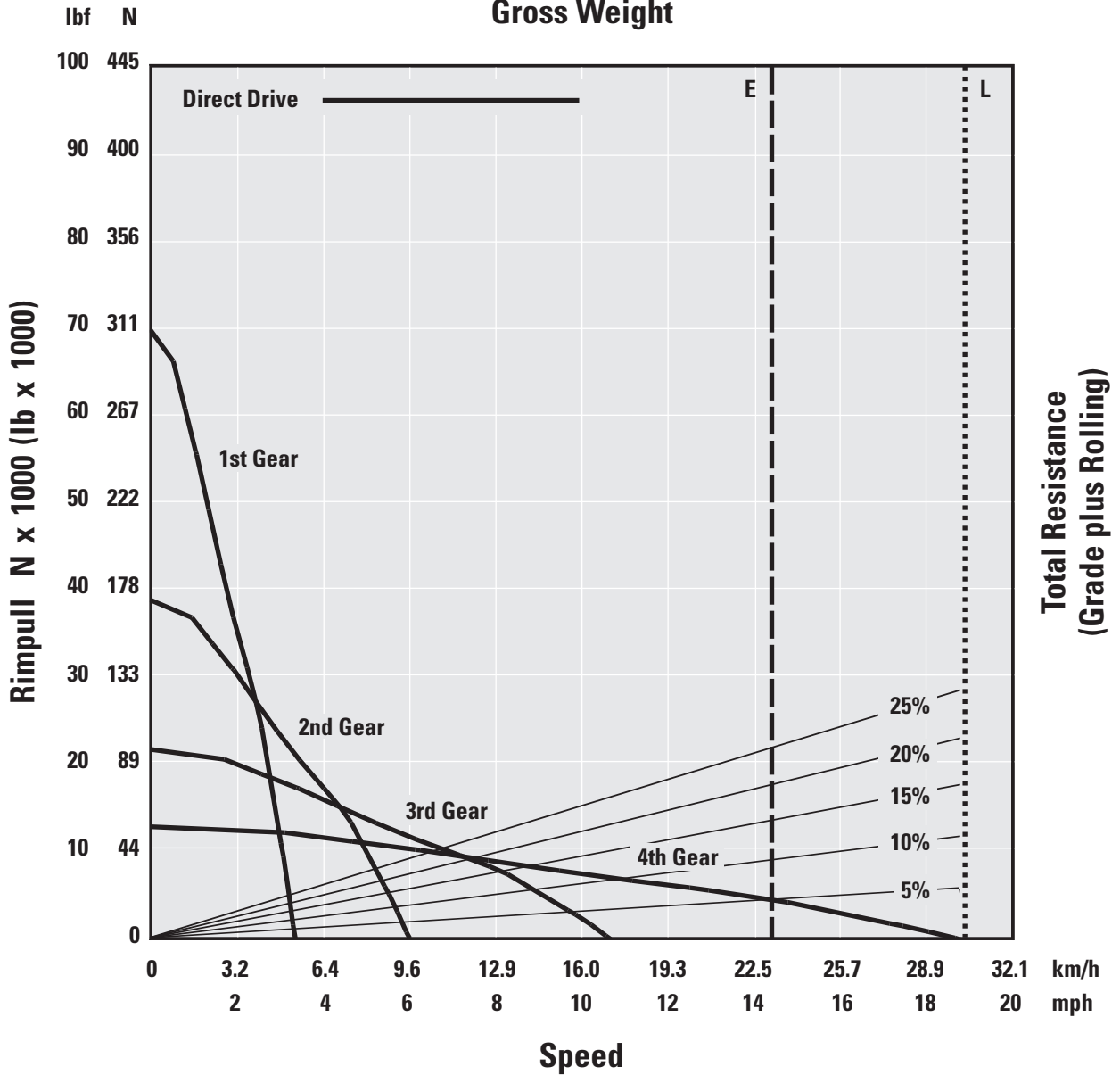
R1700G Underground Mining Loader

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 rolling resistance. As a general guide use 2% for rolling resistance in underground application or refer to the Caterpillar Performance Handbook. From the total 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.

- Typical Field Empty Weight
- Loaded Weight

26.5 x 25 Tires Gross Weight



E - Empty 38 500 kg (84,878 lb)
L - Loaded 51 000 kg (112,436 lb)