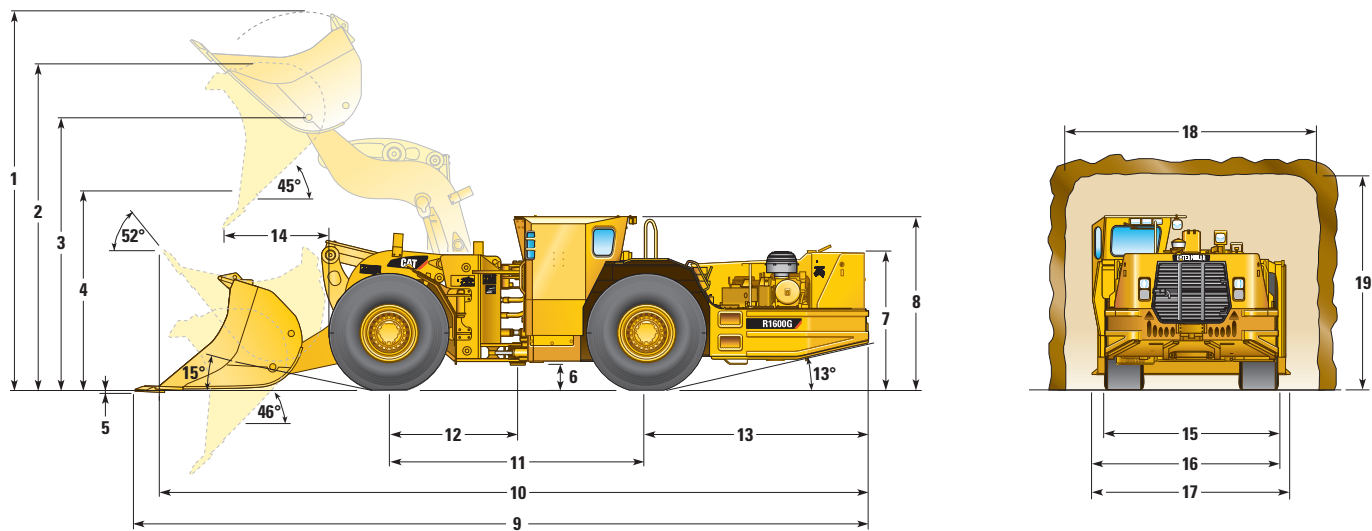


R1600G Underground Mining Loader

Dimensions

All dimensions are approximate.



	227-4702		203-1792		227-4704		227-4703		229-1676	
	Dump Bucket		Dump Bucket		Dump Bucket		Dump Bucket		Ejector Bucket	
Bucket Capacity	4.2 m ³	5.5 yd ³	4.8 m ³	6.3 yd ³	5.6 m ³	7.3 yd ³	5.9 m ³	7.7 yd ³	4.8 m ³	6.3 yd ³
	mm	in	mm	in	mm	in	mm	in	mm	in
Bucket Width over Cutting Edge	2600	102.4	2600	102.4	2600	102.4	2900	114.2	2600	102.4
1 Height – Bucket Raised	5114	201.3	5204	204.9	5282	208.0	5242	206.4	5385	212.0
2 Height – Max Dump	4497	177.0	4497	177.0	4497	177.0	4497	177.0	4565	179.7
3 Height – Max Lift Bucket Pin	3752	147.7	3752	147.7	3752	147.7	3752	147.7	3752	147.7
4 Height – Dump Clearance at Max Lift	2311	91.0	2207	86.9	2042	80.4	2114	83.2	2120	83.5
5 Height – Digging Depth	28	1.1	39	1.5	54	2.1	45	1.8	47	1.9
6 Height – Ground Clearance	344	13.5	344	13.5	344	13.5	344	13.5	344	13.5
7 Height – Top of Hood	1895	74.6	1895	74.6	1895	74.6	1895	74.6	1895	74.6
8 Height – Top of ROPS	2400	94.5	2400	94.5	2400	94.5	2400	94.5	2400	94.5
9 Length – Overall (Digging)	9955	391.9	10 107	397.9	10 347	407.4	10 243	403.3	10 233	402.9
10 Length – Overall (Tramming)	9619	378.7	9711	382.3	9853	387.9	9790	385.4	9948	391.7
11 Length – Wheelbase	3536	139.2	3536	139.2	3536	139.2	3536	139.2	3536	139.2
12 Length – Front Axle to Hitch	1768	69.6	1768	69.6	1768	69.6	1768	69.6	1768	69.6
13 Length – Rear Axle to Bumper	3055	120.3	3055	120.3	3055	120.3	3055	120.3	3055	120.3
14 Length – Reach	1304	51.3	1408	55.4	1573	61.9	1504	59.2	1495	58.9
15 Width – Overall Tire	2400	94.5	2400	94.5	2400	94.5	2400	94.5	2400	94.5
16 Width – Machine with Bucket	2723	107.2	2723	107.2	2723	107.2	3018	118.8	2723	107.2
17 Width – Machine without Bucket	2564	100.9	2564	100.9	2564	100.9	2564	100.9	2564	100.9
18 Recommended Clearance Width	3500	137.8	3500	137.8	3500	137.8	3500	137.8	3500	137.8
19 Recommended Clearance Height	3000	118.1	3000	118.1	3000	118.1	3000	118.1	3000	118.1

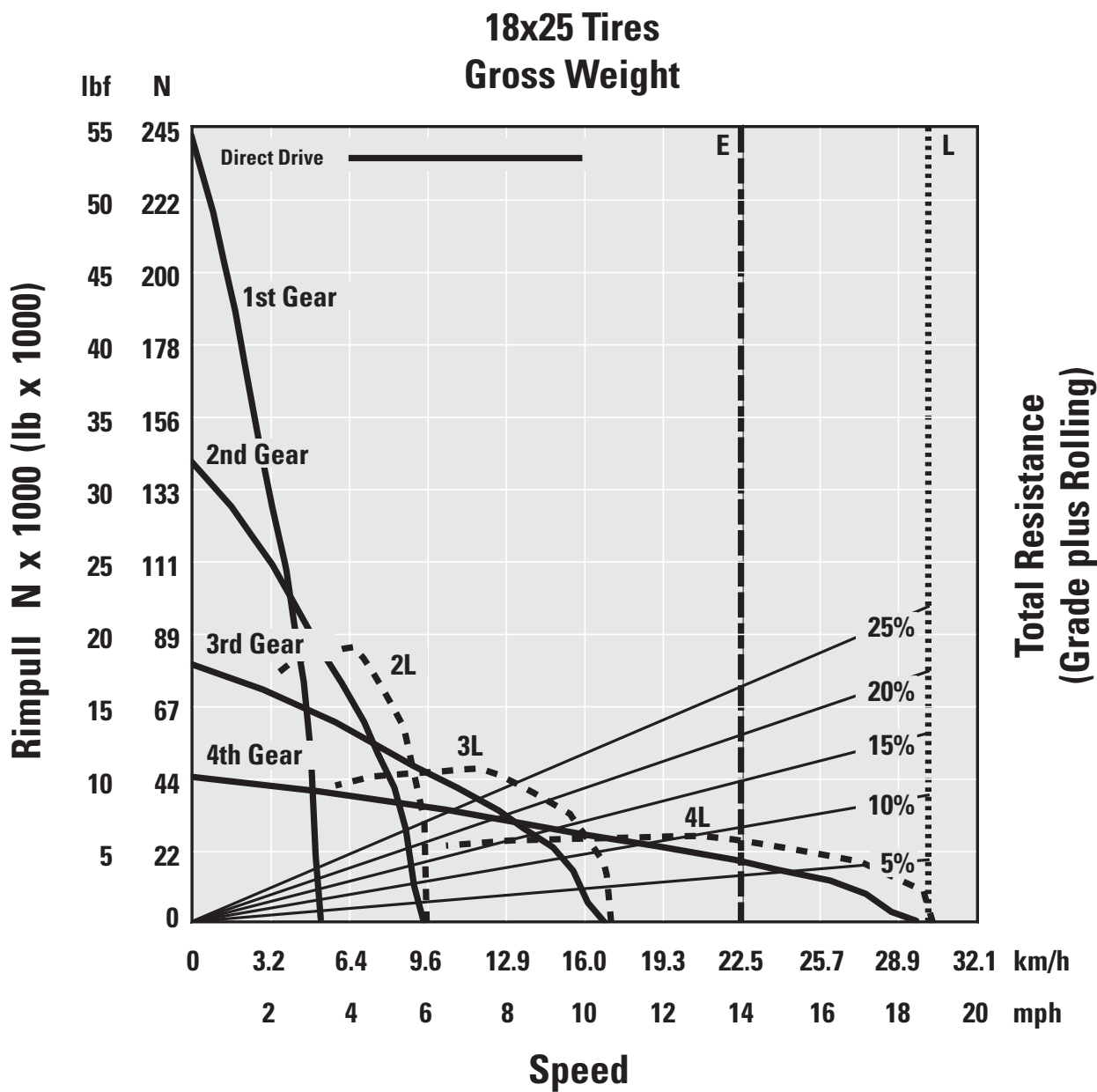
R1600G Underground Mining Loader

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



E – Empty 29 800 kg (65,698 lb)
L – Loaded 40 000 kg (88,185 lb)