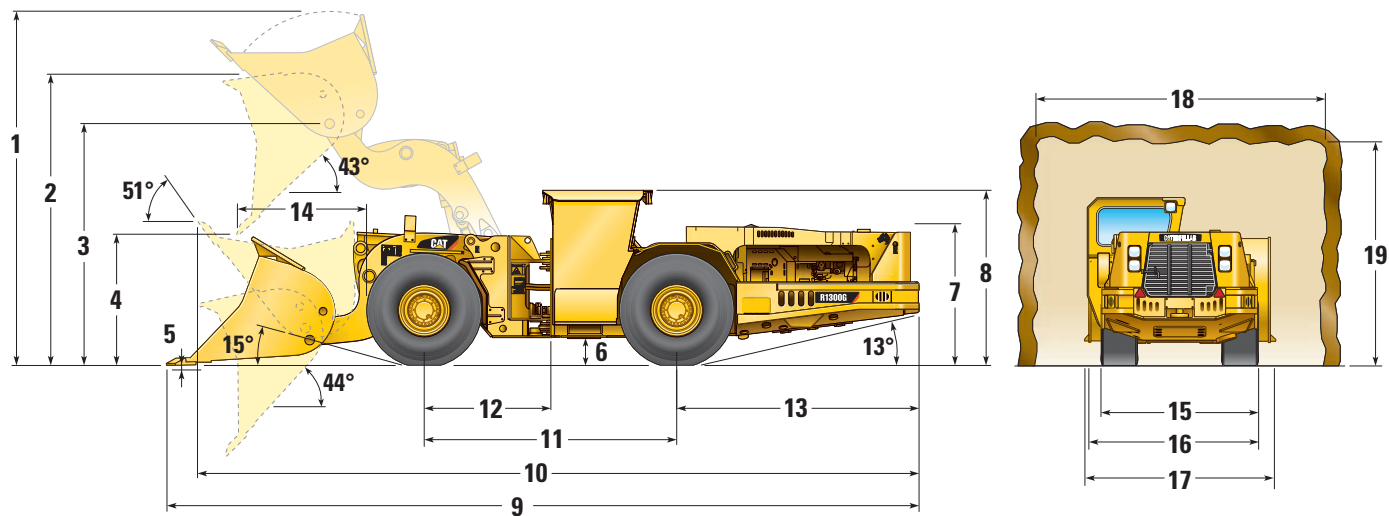


R1300G Underground Mining Loader

Dimensions

All dimensions are approximate.



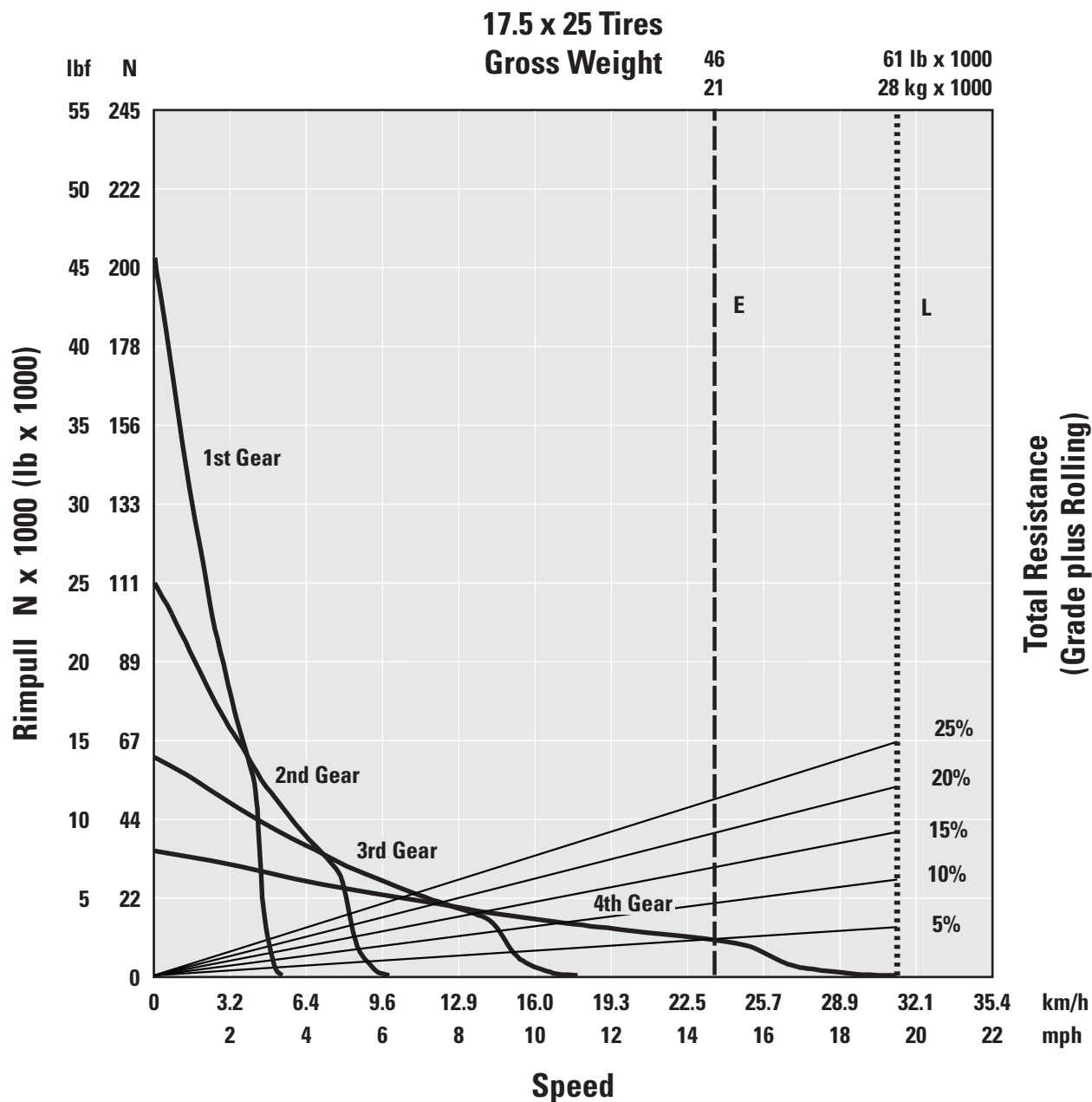
	243-5577		186-9278		243-6143		243-6224		157-3622	
	Dump Bucket		Dump Bucket		Dump Bucket		Dump Bucket		Ejector Bucket	
Bucket Capacity	2.4 m ³	3.1 yd ³	2.8 m ³	3.7 yd ³	3.1 m ³	4.1 yd ³	3.4 m ³	4.4 yd ³	2.4 m ³	3.1 yd ³
	mm	in	mm	in	mm	in	mm	in	mm	in
Bucket Width over Cutting Edge	1950	76.8	2010	79.1	2200	86.6	2400	94.5	2200	86.6
1 Height – Bucket Raised	4234	166.7	4302	169.4	4302	169.4	4302	169.4	4302	169.4
2 Height – Max Dump	3550	139.8	3531	139.0	3531	139.0	3531	139.0	3579	140.9
3 Height – Max Lift Bucket Pin	2918	114.9	2918	114.9	2918	114.9	2918	114.9	2918	114.9
4 Height – Dump Clearance at Max Lift	1664	65.5	1560	61.4	1560	61.4	1563	61.5	1563	61.5
5 Height – Digging Depth	26	1.0	36	1.4	34	1.3	36	1.4	36	1.4
6 Height – Ground Clearance	328	12.9	328	12.9	328	12.9	328	12.9	328	12.9
7 Height – Top of Hood	1628	64.1	1628	64.1	1628	64.1	1628	64.1	1628	64.1
8 Height – Top of ROPS	2120	83.5	2120	83.5	2120	83.5	2120	83.5	2120	83.5
9 Length – Overall (Digging)	8943	352.1	9100	358.3	9107	358.5	9095	358.1	9095	358.1
10 Length – Overall (Travelling)	8613	339.1	9707	382.2	8714	343.1	8704	342.7	8704	342.7
11 Length – Wheelbase	3050	120.1	3050	120.1	3050	120.1	3050	120.1	3050	120.1
12 Length – Front Axle to Hitch	1525	60.0	1525	60.0	1525	60.0	1525	60.0	1525	60.0
13 Length – Rear Axle to Bumper	2932	115.4	2932	115.4	2932	115.4	2932	115.4	2932	115.4
14 Length – Reach	1476	58.1	1588	62.5	1583	62.3	1584	62.4	1584	62.4
15 Width – Overall Tire	1900	74.8	1900	74.8	1900	74.8	1900	74.8	1900	74.8
16 Width – Machine with Bucket	2155	84.8	2185	86.0	2381	93.7	2518	99.1	2318	91.3
17 Width – Machine without Bucket	2071	81.5	2071	81.5	2071	81.5	2071	81.5	2071	81.5
18 Recommended Clearance Width	3000	118.1	3000	118.1	3000	118.1	3000	118.1	3000	118.1
19 Recommended Clearance Height	2800	110.2	2800	110.2	2800	110.2	2800	110.2	2800	110.2

R1300G 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 20 950 kg (46,187 lb)

L – Loaded 27 750 kg (61,178 lb)