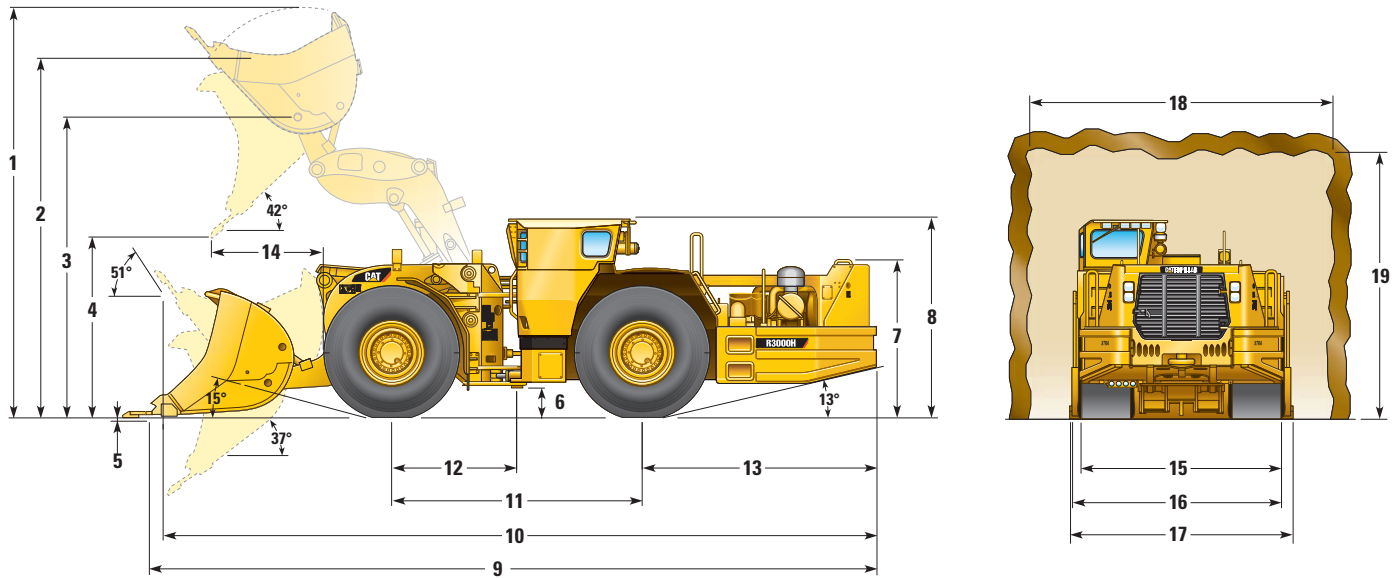


# R3000H Underground Mining Loader – Preliminary

## Dimensions

All dimensions are approximate.



	370-2599		356-1320		372-1680		250-2036	
	Dump Bucket		Dump Bucket*		Dump Bucket**		Dump Bucket**	
Bucket Capacity	8.3 m <sup>3</sup>	10.9 yd <sup>3</sup>	8.9 m <sup>3</sup>	11.6 yd <sup>3</sup>	10.5 m <sup>3</sup>	13.7 yd <sup>3</sup>	11.6 m <sup>3</sup>	15.2 yd <sup>3</sup>
	mm	in	mm	in	mm	in	mm	in
Bucket Width over Cutting Edge	3400	133.9	3354	132.0	3454	136.0	3754	147.8
<b>1</b> Height – Bucket Raised	6170	242.9	6235	245.5	6297	247.9	6297	247.9
<b>2</b> Height – Max Dump	5429	213.7	5429	213.7	5429	213.7	5429	213.7
<b>3</b> Height – Max Lift Bucket Pin	4541	178.8	4541	178.8	4541	178.8	4541	178.8
<b>4</b> Height – Dump Clearance at Max Lift	2880	113.4	2726	107.3	2620	103.1	2620	103.1
<b>5</b> Height – Digging Depth	63	2.5	63	2.5	192	7.6	192	7.6
<b>6</b> Height – Ground Clearance	466	18.4	466	18.4	466	18.4	466	18.4
<b>7</b> Height – Top of Hood	2373	93.4	2373	93.4	2373	93.4	2373	93.4
<b>8</b> Height – Top of ROPS	2988	117.6	2988	117.6	2988	117.6	2988	117.6
<b>9</b> Length – Overall (Digging)	11 524	453.7	11 524	453.7	11 597	456.6	11 597	456.6
<b>10</b> Length – Overall (Tramming)	10 945	430.9	11 083	436.3	11 193	440.7	11 193	440.7
<b>11</b> Length – Wheelbase	3780	148.8	3780	148.8	3780	148.8	3780	148.8
<b>12</b> Length – Front Axle to Hitch	1890	74.4	1890	74.4	1890	74.4	1890	74.4
<b>13</b> Length – Rear Axle to Bumper	3572	140.6	3572	140.6	3572	140.6	3572	140.6
<b>14</b> Length – Reach	1635	64.4	1791	70.5	1716	67.6	1716	67.6
<b>15</b> Width – Overall Tire	3142	123.7	3142	123.7	3142	123.7	3142	123.7
<b>16</b> Width – Machine with Bucket	3500	137.8	3472	136.7	3572	140.6	3872	152.4
<b>17</b> Width – Machine without Bucket	3200	126.0	3200	126.0	3200	126.0	3200	126.0
<b>18</b> Recommended Clearance Width***	4500	177.2	4500	177.2	4500	177.2	4500	177.2
<b>19</b> Recommended Clearance Height***	4500	177.2	4500	177.2	4500	177.2	4500	177.2

\*High penetration bucket version available.

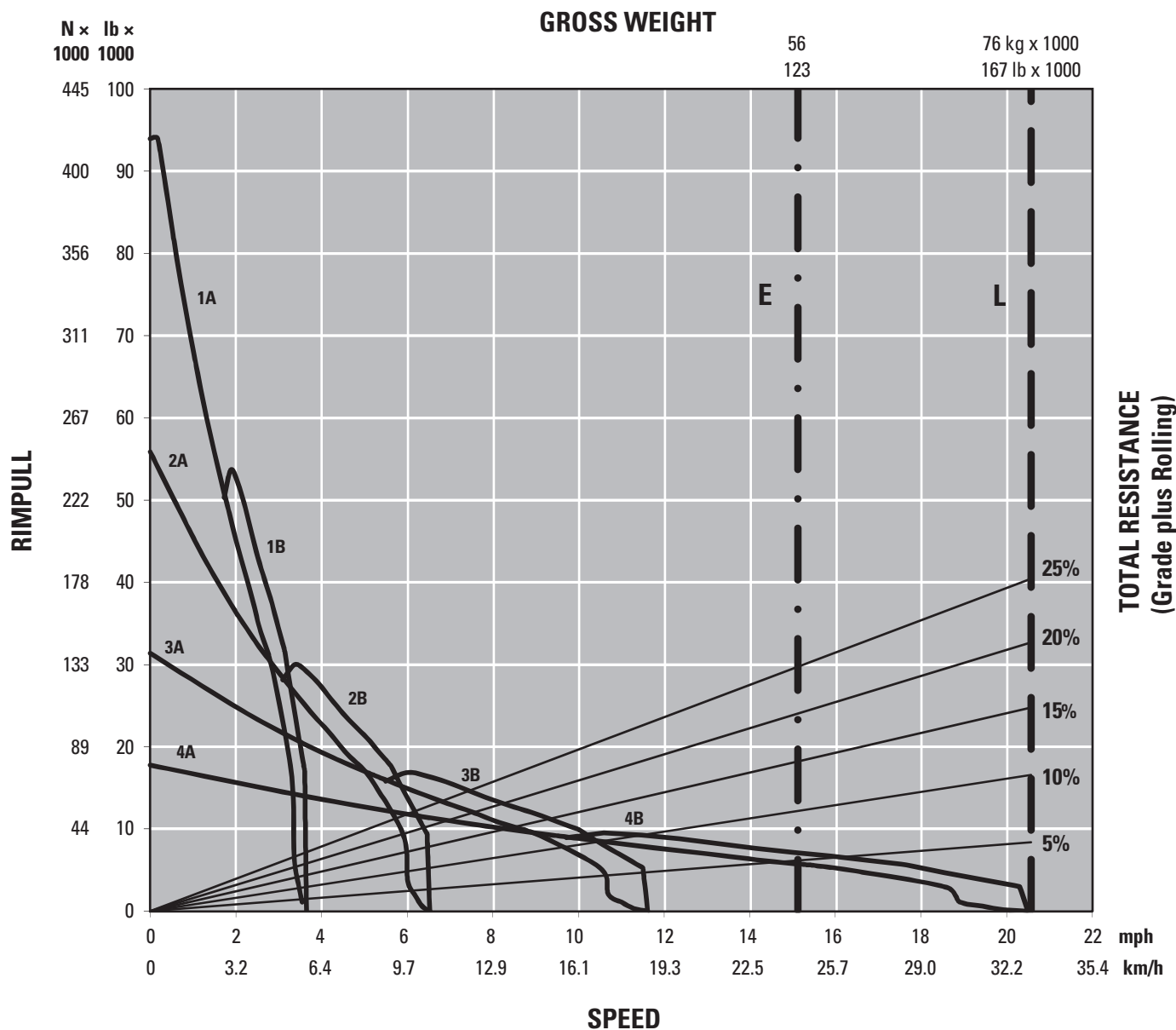
\*\*Bucket also available with shark cast corners.

\*\*\*Clearance dimensions are for reference only.

# R3000H Underground Mining Loader – Preliminary

## 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 applications 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.



**KEY**

- 1A – 1st Gear (Converter Drive)
- 1B – 1st Gear
- 2A – 2nd Gear (Converter Drive)
- 2B – 2nd Gear
- 3A – 3rd Gear (Converter Drive)
- 3B – 3rd Gear
- 4A – 4th Gear (Converter Drive)
- 4B – 4th Gear

**KEY**

- E – Empty 55 575 kg (122,522 lb)
- L – Loaded 75 575 kg (166,614 lb)