



Off Highway Tires

Overall Diameter (OD) "Overall Diameter" is twice the section height of a new tire, including 24-hour inflation growth, plus the nominal rim diameter.

Overall Width (OW) "Overall Width" is the width of a new tire, including 24-hour inflation growth, and including protective side ribs, bars and decorations.

Static Loaded Radius (SLR) "Static Load Radius" is the shortest distance from the axle center to the contact surface of a tire and "Static Loaded Width" is the overall width of a tire, mounted on the approved rim at the specified inflation pressure and placed still and vertically on a flat board, and loaded with the specified load.

An explanation of Tire Nomenclature can be found by following this [hyperlink](#).

| Typical Wheel Loader Tire Sizes | | | | | | | | |
|---------------------------------|------------------|-----------|-----------|------------|--------------------|------------------------|-------------------|--------------|
| CWS Class | Tire Size | OD (inch) | OW (inch) | SLR (inch) | Tire Weight (lbs.) | Rim Heaviest Rim Found | Rim Weight (lbs.) | Total Weight |
| WL040 | 17.5R-25(L2) | 65.9 | 19.6 | 23.3 | 1,374 | 13.00/2.5 | 205 | 1,574 |
| | 18:00R-25 | 63.4 | 19.9 | 28.9 | 1,146 | 13.00/2.5 | 205 | 1,351 |
| WL060 | 20.5R-25(L5) | 65.9 | 23.5 | 28.9 | 1,414 | 19.50/2.5 | 212 | 1,626 |
| WL080 | 23.5-25(L2) | 65.9 | 23.5 | 28.1 | 1,414 | 19.50/2.5 | 485 | 1,899 |
| WL090 | 23.5-25(L5) | 65.9 | 23.5 | 30.7 | 1,414 | 19.50/2.5 | 485 | 1,899 |
| WL100 | 26.5-25(L2) | 72.0 | 27.0 | 32.6 | 1,808 | 27.0 | 650 | 2,458 |
| WL110 | 26.5-25(L5) | 72.0 | 27.0 | 33.0 | 1,808 | 27.0 | 650 | 2,458 |
| WL120 | 29.5-25(L3) | 75.6 | 29.5 | 32.4 | 1,921 | 29.5 | 675 | 2,596 |
| WL130 | 35/65-33(L4) | 82.8 | 33.8 | 36.7 | 2,629 | 33.8 | 1,260 | 3,889 |
| WL135 | 41.25/70-39 (L5) | 98.4 | 42.1 | 44.6 | 3,827 | 32.00/4.5 | 2,100 | 5,927 |
| WL140 | 45/65-51(L5) | 108.1 | 43.1 | 49.4 | 5,896 | 36.00/4.5 | 3,400 | 9,296 |
| WL145 | 50/65-51(L5) | 121.1 | 50.2 | 54.6 | 7,981 | 40.00/4.5 | 3,400 | 11,381 |

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|--------------------------------------|---|--------------------------------|--------------|--------------|----------------|------------------------|----------------|--------------------------------|
| WL150 | 49.5/85-57(L5) | 155.6 | 49.8 | 69.0 | 12,859 | 36.00/6.0 | 6,500 | 19,359 |
| WL150 | 55/80-R57(L5) | 146.0 | 55.3 | 64.4 | 12,350 | 44.00/5.0 | 6,200 | 18,550 |
| WL160 | 53.5/85-57(L5) | 155.6 | 53.1 | 68.9 | 13,832 | 44.00/6.0 | 6,700 | 20,532 |
| Typical Haul Truck Tire Sizes | | | | | | | | |
| HT30 | 24:00xR35 | 83.5 | 26.2 | 37.9 | 1,860 | 17.00-3.5 | 1,365 | 3,225 |
| HT40 | 27:00xR49 | 105.9 | 29.2 | 48.5 | 2,990 | 19.50-4.0 | 2,275 | 5,265 |
| HT50 | 33:00xR51 36:00R-51 | 120.2 124.0 | 37.1 40.0 | 54.0 55.2 | 5,085 5,880 | 24.00-5.0 26.00-5.0 | 3,400 3,500 | 8,485 9,380 |
| HT60 | 37:00xR57 | 135.5 | 42.2 | 60.8 | 6,750 | 27.00-6.0 | 5,185 | 11,935 |
| HT70 | 37:00xR57 | 135.5 | 42.2 | 60.8 | 6,750 | 27.00-6.0 | 5,185 | 11,935 |
| HT80 | 40:00xR57 | 141.0 | 44.8 | 62.5 | 7,663 | 29.00-6.0 | 5,185 | 12,848 |
| HT90 | 48/95R57 | 150.4 | 49.6 | 57.0 | 9,297 | 32.00/6.5 | 6,000 | 15,297 |
| HT90 | 50/80x57 | 141,8 | 49.9 | 61.2 | 9,382 | 36.00-6.0 | 6,500 | 15,882 |
| HT90 | 50/90xR57 | 150.4 | 51.6 | | 9,800 | | 6,800 | 16,600 |
| HT90 | 55.5/80xR63 57.5/85 x 57 57 / 85 x 63 | No Information Available | | | | | 6,700 | No Information Available |