



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

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