

ROAD RESTRICTION CALCULATIONS

MAXIMUM "AXLE WEIGHTS" ALLOWED (DOES NOT APPLY TO STEERING AXLES)									
TIRE SIZE		SINGLE AXLE - 2 TIRES		SINGLE AXLE - 4 TIRES		TANDEM AXLE - 8 TIRES		TRIDEM AXLE - 12 TIRES	
INCHES	M/M	kgs	lbs	kgs	lbs	kgs	lbs	kgs	lbs
7	177.8	2,223	4,900	4,445	9,799	8,890	19,598	13,335	29,397
7.25	184.2	2,302	5,074	4,604	10,149	9,208	20,298	13,811	30,447
7.5	190.5	2,381	5,249	4,763	10,499	9,525	20,998	14,288	31,497
8.25	209.6	2,619	5,774	5,239	11,549	10,478	23,098	15,716	34,646
8.50	215.9	2,699	5,949	5,398	11,899	10,795	23,798	16,193	35,696
9	228.6	2,858	6,299	5,715	12,599	11,430	25,197	17,145	37,796
10.00	254.0	3,175	6,999	6,350	13,999	12,700	27,997	19,050	41,996
* 11.00	279.4	3,300	7,275	6,600	14,550	13,200	29,099	19,800	43,649
* 12.00	304.8	3,300	7,275	6,600	14,550	13,200	29,099	19,800	43,649

STEERING CONVERSION: TIRE SIZE(inches) x NUMBER OF TIRES x 25.4 mm x 10 Kg = MAX WEIGHT (Kg)

STEERING AXLE(S) NOT TO EXCEED 5,500 Kg INCLUDING THOSE WITH GREATER THAN 11" TIRES

MAX WEIGHT PER TIRE IS 1,650 Kg:

*** 'NOTE: MAX WEIGHT ALLOWED ON 11" & 12" TIRES ARE RESTRICTED TO 1,650 Kg PER TIRE.

MAXIMUM "GROSS WEIGHT" ALLOWED *** IF ALL TIRES ARE THE SAME SIZE							
**** Note: A vehicle must still comply with 1,650 kg per tire limit							
GROSS Kg	Gross Lbs	Total # Tires	Tire Size(in.)	Configuration	Steering Axle	Total Kg for other axle(s)	
8,573	18,899	6	7.5	2 axle	3,810	4,763	
9,430	20,789	6	8.25	2 axle	4,191	5,239	
10,287	22,679	6	9	2 axle	4,572	5,715	
11,430	25,199	6	10	2 axle	5,080	6,350	
12,100	26,676	6	11	2 axle	5,500	6,600	Max. this Configuration
16,002	35,278	10	9	3 axle	4,572	11,430	
17,780	39,198	10	10	3 axle	5,080	12,700	
18,700	41,226	10	11	3 axle	5,500	13,200	Max. this Configuration
27,432	60,477	18	9	5 axle	4,572	22,860	
30,480	67,196	18	10	5 axle	5,080	25,400	
31,900	70,327	18	11	5 axle	5,500	26,400	Max. this Configuration
33,147	73,076	22	9	6 axle	4,572	28,575	
36,830	81,195	22	10	6 axle	5,080	31,750	
38,500	84,877	22	11	6 axle	5,500	33,000	Max. this Configuration
38,862	85,675	26	9	7 axle	4,572	34,290	
43,180	95,195	26	10	7 axle	5,080	38,100	
45,100	99,427	26	11	7 axle	5,500	39,600	Max. this Configuration
44,577	98,274	30	9	8 axle-B	4,572	40,005	
49,530	109,194	30	10	8 axle-B	5,080	44,450	
51,700	113,978	30	11	8 axle-B	5,500	46,200	Max. this Configuration
44,577	98,274	30	9	8 axle A-C	4,572	40,005	
49,000	108,025	30	10	8 axle A-C	5,080	44,450	
49,000	108,025	30	11	8 axle A-C	5,500	46,200	Max. this Configuration