

MAXIMUM AXLE LOADINGS IN RELATION TO TIRE SIZES

@ 700 LBS. PER INCH OF TIRE WIDTH

TIRE SIZE	2	4	8	12	16
6.50	9100	18200	36400	54600	72800
7.00	9800	19600	39200	58800	78400
7.50	10500	21000	42000	63000	84000
8.00	11200	22400	44800	67200	89600
8.25	11550	23100	46200	69300	92400
9.00	12600	25200	50400	75600	100800
10.00	14000	28000	56000	84000	112000
11.00	15400	30800	61600	92400	123200
12.00	16800	33600	65200	100800	134400
13.00	18200	36400	72800	109200	145600
14.00	19600	39200	78400	117600	156800
15.00	21000	42000	84000		
16.00	22400	44800	89600		
17.00	23800	47600	92500		
18.00	25200	50400			
20.5	28700	57400			
21.00	29400	58000			
23.5	32900				
24.00	33600				
25.00	35000				
26.5	37100				
27.00	37800				
29.00	40600				
29.5	41300				
30.00	42000				

<u>@ 700 LBS. PER INCH OF TIRE WIDTH</u>					
TIRE SIZE	2	4	8	12	16
31.5	44100				
32.00	44800				
33.00	46200				
33.5	46900				
36.00	50400				
37.5	52500				

<u>@ 850 LBS. PER INCH OF TIRE WIDTH</u>	
TIRE SIZE	NUMBER OF TIRES – 2
24.00	40800
25.00	42500
26.5	45050
27.00	45900
29.00	49300
29.5	50150
30.00	51000
31.5	53550
32.00	54400
33.00	56100
33.5	56950

25% EXCESS OF NORMAL LEGAL AXLE LOADINGS		
13000	3250	16250
16000	4000	20000
18000	4500	22500

ANY TYPE OF TIRE			
TIRE SIZE	WIDTH	NUMBER OF TIRES	
		2	4
19.5 - 19.5	19.50	27300	54600
15R22.5	15.30	21420	42840
18R19.5	18.00	25200	50400
395/85R20	15.59	21826	43652
8.25 – 15TR	9.30	13020	26040
9.00 – 20	10.20	14280	28560
10.00 – 22	10.95	15330	30660
11.00 – 22	11.55	16170	32340
12.00 – 24	12.40	17360	34720
8.5R15TR	9.30	13020	26040
9.00R20	10.20	14280	28560
10.00R22	10.95	15330	30660
11.00R22	11.55	16170	32340
12.00R24	12.40	17360	34720
12.5 – 22.5	11.90	16660	33320
13.4 – 24.5	13.50	18900	37800
14.00 – 20	14.75	20650	41300
14.00R20.21	14.75	20650	41300
445/65R22.5`	17.48	24472	48944
265/70R19.5	10.31	14434	28868
305/75R22.5	12.01	16814	33628
295/75BD22.5	11.73	16422	32844
265/85R22.5	10.31	14434	28868
8 – 19.5	8.00	11200	22400
10 – 22.5	10.00	14000	28000
12 – 22.5	11.80	16520	33040
8R22.5	8.00	11200	22400

ANY TYPE OF TIRE			
TIRE SIZE	WIDTH	NUMBER OF TIRES	
		2	4
11R22.5	11.00	15400	30800
12R24.5	11.80	16520	33040
15 – 22.5	15.30	21420	42840
18 – 19.5	18.00	25200	50400
14R17.5	13.75	19250	38500
16.5R19.5	16.75	23450	46900
18R22.5	18.00	25200	50400
7.50 – 15TR	8.45	11830	23660
8.25 – 20	9.30	13020	26040
10.00 – 15TR	10.95	15330	30660
11.0 – 15TR	11.55	16170	32340
11.00 – 24	11.55	16170	32340
7.50R15TR	8.45	11830	23660
8.25R20	9.30	13020	26040
10.00R15TR	10.95	15330	30660
11.00R15TR	11.55	16170	32340
11.00R24	11.55	16170	32340
11.50 – 20	11.65	16310	32620
1275 – 22.5	12.27	17178	34356
13.5R24.5	13.50	18900	37800
14.00 – 24	14.74	20636	41272
14.00R24	14.75	20650	41300

LIGHT TRUCK TIRES FOR TRUCKS, BUSES, AND TRAILERS			
NUMBER OF TIRES			
TIRE SIZE	WIDTH	2	4
LT285/60R17	11.26	15764	31528
LT225/70R15	10.04	14056	28112
LT315/70R15	12.32	17248	34496
LT275/70R16	10.79	15106	30212
LT195/75R14	7.72	10808	21616
LT205/75R15	7.99	11186	22372
LT225/75R15	10.04	14056	28112
LT265/75R16	10.51	14714	29428
LT235/85R16	9.25	12950	25900
LT245/70*15	9.76	13664	27328
LT285/70*15	11.26	15764	31528
LT255/70*16	10.04	14056	28112
LT185/85*14	7.24	10136	20272
LT195/75*15	7.72	10808	21616
LT235/75*15	9.25	12950	25900
LT245/75*16	9.76	13664	27328
LT215/85*16	8.50	11900	23800
6.50 – 16LT	7.15	10010	20020
7.50 – 16LT	8.65	12110	24220
7.00R15LT	7.95	11130	22260
29X9.50 – 15LT	9.46	13244	26488
31X11.50 – 15LT	11.42	15988	31976
27X8.50R14LT	8.58	12012	24024
31X10.50R15LT	10.54	14756	29512
33X12.50R15LT	12.50	17500	35000
LT215/70R14	8.50	11900	23800
LT265/70R15	10.51	14714	29428

LIGHT TRUCK TIRES FOR TRUCKS, BUSES, AND TRAILERS			
NUMBER OF TIRES			
TIRE SIZE	WIDTH	2	4
LT235/75R15	9.25	12950	25900
LT245/75R16	9.76	13664	27328
LT215/85R16	8.50	11900	23800
LT215/70*14	8.50	11900	23800
LT265/70*15	10.51	14714	29428
LT235/70*16	9.25	12950	25900
LT175/75*14	6.97	9758	19516
LT215/75*14	8.50	11900	23800
LT215/75*15	8.50	11900	23800
LT225/75*16	8.78	12292	24584
LT285/75*16	11.26	15764	31528
LT255/85*16	10.04	14056	28112
7.00 – 15LT	7.95	11130	22260
6.70R15LT	7.50	10500	21000
27X8.50 – 14LT	8.58	12012	24024
31X10.50 – 15LT	10.54	14756	29512
33X12.50 – 15LT	12.50	17500	35000
30X9.50R15LT	9.46	13244	26488
32X11.50R15LT	11.42	15988	31976

SPECIAL TIRES LIMITED TO USE ON MOBILE HOMES ONLY			
NUMBER OF TIRES			
TIRE SIZE	WIDTH	2	4
7 - 14.5MH	7.30	10220	20440
8 – 14.5MH	8.00	11200	22400
9 – 14.5MH	9.50	13300	26600

TIRES FOR TRUCKS, BUSES, AND TRAILERS**NUMBER OF TIRES**

TIRE SIZE	WIDTH	2	4
385/65R22.5	15.31	21434	42868
225/70R19.5	8.90	12460	24920
305/70R19.5	12.01	16814	33628
245/75BD22.5	9.76	13664	27328
285-75BD24.5	11.14	15596	31192
295/75R22.5	11.73	16422	32844
8 – 22.5	8.00	11200	22400
11 – 22.5	11.00	15400	30800
12 – 22.5	11.80	16520	33040
9R22.5	9.00	12600	25200
11R24.5	11.00	15400	30800
14 – 17.50	13.75	19250	38500
16.5 – 19.5	16.75	23450	46900
18 - 22.5	18.00	25200	50400
15R19.5	15.30	21420	42840
16.5R22.5	16.75	23450	46900
19.5R19.5	19.50	27300	54600
7.50 – 20	8.45	11830	23660
9.00 – 15TR	10.20	14280	28560
10.00 – 20	10.95	15330	30660
11.00 – 20	11.55	16170	32340
12.00 – 20	12.40	17360	34720
7.50R20	8.45	11830	23660
9.00R15TR	10.20	14280	28560
10.00R20	10.95	15330	30660
11.00R20	11.55	16170	32340
12.00R20	12.40	17360	34720

TIRES FOR TRUCKS, BUSES, AND TRAILERS**NUMBER OF TIRES**

TIRE SIZE	WIDTH	2	4
11.50R20	11.65	16310	32620
13 – 22.5	12.90	18060	36120
13.00 – 20	13.40	18760	37520
13.00R20	13.40	18760	37520
16.00R20.21	17.25	24150	48300
425/65R22.5	16.61	23254	46508
245/70R17.5	9.76	13664	27328
255/70R22.5	10.04	14056	28112
265/75BD22.5	10.31	14434	28868
245/75R22.5	9.76	13664	27328
285/75R24.5	11.14	15596	31192
9 – 22.5	9.00	12600	25200
11 – 24.5	11.00	15400	30800
8R19.5	8.00	11200	22400
10R22.5	10.00	14000	28000
12R22.5	11.80	16520	33040
15 – 19.5	15.30	21420	42840
16.5 – 22.5	16.75	23450	46900

SPECIAL TIRES FOR TRAILERS IN HIGHWAY SERVICE
NUMBER OF TIRES

TIRE SIZE	WIDTH	2	4
8R17.5HC	8.00	11200	22400
11R17.5HC	11.00	15400	30800
9R17.5HC	9.00	12600	25200
10R17.5HC	10.00	14000	28000
6.50 – 13ST	6.60	9240	18480
A78 – 13ST	6.60	9240	18480
E78 – 14ST	7.70	10780	21560
H78 – 14ST	8.70	12180	24360
G78 – 15ST	8.05	11270	22540
H70 – 14ST	9.10	12740	25480
ST185/80*13	7.24	10136	20272
ST205/75*15	7.99	11186	22372
7.75 – 15ST	7.65	10710	21420
B78 – 13ST	7.05	9870	19740
F78 – 14ST	7.90	11060	22120
E78 – 15ST	7.35	10290	20580
H78 – 15ST	8.55	11970	23940
ST155/80*13	6.18	8652	17304
ST205/75*14	7.99	11186	22372
ST225/75*15	8.78	12292	24584
8.55 – 15ST	8.45	11830	23660
C78 – 13ST	7.25	10150	20300
G78 – 14ST	8.40	11760	23520
F78 – 15ST	7.75	10850	21700
F70 – 14ST	8.30	11620	23240
ST175/80*13	6.97	9758	19516
ST215/75*14	8.50	11900	23800

**MINING AND LOGGING TIRES USED IN
INTERMITTENT HIGHWAY SERVICE**

NUMBER OF TIRES

TIRE SIZE	WIDTH	2	4
7.00 – 16ML	7.85	10990	21980
10.00 – 20ML	10.95	15330	30660
11.00 – 20ML	11.55	16170	32340
11.00 – 25ML	11.75	16450	32900
11 – 22.5ML	11.00	15400	30800
12.00 – 20ML	12.40	17360	34720
14.00 – 20ML	14.75	20650	41300
14.00R20ML	14.75	20650	41300
12.00 – 25ML	12.40	17360	34720
14.00R21ML	14.75	20650	41300
15 – 19.5ML	15.30	21420	42840
18 19.5ML	18.00	25200	50400
8.25 – 20ML	9.30	13020	26040
10.090 – 22ML	10.95	15330	30660
11.00 – 22ML	11.55	16170	32340
9 – 22.5ML	9.00	12600	25200
11 – 24.5ML	11.00	15400	30800
12.00 – 24ML	12.40	17360	34720
14.00 – 24ML	14.75	20650	41300
14.00R24ML	14.75	20650	41300
14.00 – 21ML	14.75	20650	41300
14.00R25ML	14.75	20650	41300
15 – 22.5ML	15.30	21420	42840
18 – 22.5ML	18.00	25200	50400
9.00 – 20ML	10.20	14280	28560
10.00 – 24ML	10.95	15330	30660

**MINING AND LOGGING TIRES USED IN
INTERMITTENT HIGHWAY SERVICE**

NUMBER OF TIRES

TIRE SIZE	WIDTH	2	4
11.00 – 24 ML	11.55	16170	32340
10 – 22.5ML	10.00	14000	28000
12 – 22.5ML	11.80	16520	33040
13.00 – 24ML	13.40	18760	37520
13.00R24ML	13.40	18760	37520
12.00 – 21ML	12.40	17360	34720
14.00 – 25ML	14.75	20650	41300
14 – 17.5ML	13.75	19250	38500
16.5 – 22.5ML	16.75	23450	46900

MICHELIN TIRES

NUMBER OF TIRES

TIRE SIZE	WIDTH	2	4
A-20-Y	7.50	10500	21000
B-20-Y	8.25	11500	23100
C-20-Y	9.00	12600	25200
D-20-Y	10.00	14000	28000
E-20-7	11.00	15400	30800
F-20-Y	12.00	16800	33600
G-20-7	14.00	19600	39200
275/80R22.5	11.0	15400	30800
295/80R22.5	12.00	16800	33600
315/80R22.5	12.4	17360	34720
315/80R22.5	12.5	17500	35000
315/80R22.5	12.5	17500	35000
385/65R22.5	15.1	21140	42280

INDEX

- I 700 LBS PER INCH OF TIRE WIDTH
850 LBS PER INCH OF TIRE WIDTH
25% EXCESS OF NORMAL LEGAL AXLE LOADINGS
- II ANY TYPE OF TIRE
- III LIGHT TRUCK TIRES FOR TRUCKS, BUSES & TRAILERS
- IV TIRES FOR TRUCKS, BUSES & TRAILERS
- V SPECIAL TIRES FOR TRAILERS IN HIGHWAY SERVICE
- VI MINING AND LOGGING TIRES USED IN INTERMITTENT
HIGHWAY SERVICE
- VII MICHELIN TIRES