



CONTINUAL ABILITY  
TO HANDLE



OCCASIONAL ABILITY  
TO HANDLE



INABILITY  
TO HANDLE

| OTR Tire Size | Tire Width | Weight              | Stellar 3200 | Stellar 4500 | Stellar 6000 | Stellar 9000 | 4,600# Stellar 9000 w/TM | Stellar 13500 | 6,000# Stellar 13500 w/TM | Stellar 17000 | 7,200# Stellar 17000 w/TM | Stellar 23000 | 12,000# Stellar 23000 w/TM | Stellar 28000 | 16,500# Stellar 28000 w/TM | Stellar TM20165 |
|---------------|------------|---------------------|--------------|--------------|--------------|--------------|--------------------------|---------------|---------------------------|---------------|---------------------------|---------------|----------------------------|---------------|----------------------------|-----------------|
| Narrow Base   |            | Tire & Rim          |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 18.00 – 25    | 66 in.     | 1,100 lb.           |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 18.00 – 33    | 74 in.     | 1,650 lb.           |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 21.00 – 35    | 82 in.     | 2,050 lb.           |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 24.00 – 35    | 87 in.     | 2,400 lb.           |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 24.00 – 49    | 101 in.    | 3,400 lb.           |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 27.00 – 49    | 107 in.    | 4,600 lb.           |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 30.00 – 51    | 115 in.    | 5,900 lb.           |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 33.00 – 51    | 122 in.    | 6,700 lb.           |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 36.00 – 51    | 129 in.    | 8,300 lb.           |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 37.00 R57     | 136 in.    | 10,000 lb.          |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 40.00 – 57    | 143 in.    | 11,500 lb.          |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 48/95 R57     | 151 in.    | 12,400 lb.          |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 50/90 R57     | 151 in.    | 12,700 lb.          |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 53/80 R63     | 149 in.    | 14,000 - 17,000 lb. |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 55/80 R63     | 153 in.    | 16,400 lb.          |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |
| 59/80 R63     | 154 in.    | 18,500 lb.          |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                            |                 |

For an accurate tire/wheel weight, please view Tire Industry Association's Tire and Rim Weight Chart, available at: [www.tireindustry.org/otr-tire-and-rim-weight-charts](http://www.tireindustry.org/otr-tire-and-rim-weight-charts)



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# Tire Service Crane Capacity Chart - 4/20/20

| OTR Tire Size | Tire Width | Weight     | Stellar 3200 | Stellar 4500 | Stellar 6000 | Stellar 9000 | 4,600# Stellar 9000 w/TM | Stellar 13500 | 6,000# Stellar 13500 w/TM | Stellar 17000 | 7,200# Stellar 17000 w/TM | Stellar 23000 | 12,000# Stellar 23000 w/TM | Stellar 28000 | 16,500# Stellar 8000 w/TM | Stellar TM20165 |
|---------------|------------|------------|--------------|--------------|--------------|--------------|--------------------------|---------------|---------------------------|---------------|---------------------------|---------------|----------------------------|---------------|---------------------------|-----------------|
| Wide Base     |            | Tire Only  |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 23.5 – 25     | 66 in.     | 1,500 lb.  |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 26.5 – 25     | 71 in.     | 2,000 lb.  |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 29.5 – 29     | 75 in.     | 2,500 lb.  |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 33.25 – 29    | 83 in.     | 1,600 lb.  |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 35/65 -33     | 81 in.     | 2,900 lb.  |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 33.25 – 35    | 91 in.     | 3,400 lb.  |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 37.25 – 35    | 95 in.     | 4,000 lb.  |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 40/65 – 39    | 94 in.     | 4,200 lb.  |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 37.5 – 39     | 100 in.    | 4,300 lb.  |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 45/65 – 45    | 108 in.    | 6,300 lb.  |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 37.5 – 51     | 113 in.    | 4,900 lb.  |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 50/65 -51     | 121 in.    | 8,000 lb.  |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 67.5/65 – 51  | 138 in.    | 13,000 lb. |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 50/80 – 57    | 144 in.    | 11,000 lb. |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 55.5/80 – 57  | 147 in.    | 13,000 lb. |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 49.5/85 – 57  | 154 in.    | 12,900 lb. |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 55/85 R57     | 147 in.    | 12,900 lb. |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 53.5/85 – 57  | 154 in.    | 13,600 lb. |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 58/85 – 57    | 156 in.    | 13,000 lb. |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |
| 70/70 – 57    | 160 in.    | 15,400 lb. |              |              |              |              |                          |               |                           |               |                           |               |                            |               |                           |                 |

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