



Having proper tire inflation equates to big savings. Overinflation and/or underinflation reduces tire life and application performance, diminishing your site's productivity. Air pressure for each application is determined by many different factors. Below is a suggested air pressure chart for your OTR applications to keep your operation running smoothly.

<b>MAXAM SUGGESTED INFLATION PRESSURE CHART</b>						
<b>Tire Size</b>	<b>Star rating</b>	<b>Small loader</b>	<b>Medium loader</b>	<b>Large loader</b>	<b>25-30T ADT</b>	<b>40-45 ADT</b>
20.5R25	★ ★	Front - 75 PSI				
		Rear - 55 PSI				
23.5R25	★ ★	Front - 75 PSI	Front - 75 PSI		75 PSI all wheel positions	
		Rear - 55 PSI	Rear - 55 PSI			
750/65R25	★ ★			Front - 65 PSI	60 PSI all wheel positions	
				Rear - 45 PSI		
26.5R25	★ ★			Front - 75 PSI		
				Rear - 55 PSI		
775/65R29	★ ★			Front - 70 PSI		
				Rear - 50 PSI		
29.5R25	★ ★			Front - 94 PSI	65 PSI all wheel positions	
				Rear - 70 PSI		
875/65R29	★ ★			Front - 85 PSI	55 PSI all wheel positions	
				Rear - 60 PSI		
875/65R29	★ ★ ★			Front - 110 PSI		
				Rear - 80 PSI		
35/65R33	★ ★			Front - 95 PSI		
				Rear - 70 PSI		
35/65R33	★ ★ ★ or ★ ★ ★ ★			Front - 115 PSI		
				Rear - 85 PSI		

Note: reference only - pressures may be adjusted for certain applications, special attachments, or operator preferences.



# MAXAM

## RADIAL OTR TIRE INFLATION

Inflation pressure is dependent upon:



Load



Tire type and location



Type of Applications



Designed (%) deflection

**1%**  
OF OVERLOAD

REQUIRES

**2%**  
INCREASE IN  
PRESSURE

UP TO MAXIMUM OF

**7%**  
OF OVERLOAD

&

**14%**  
INCREASE IN  
PRESSURE

**Fleet of 20 trucks  
running 5000 hours per year**

**Tire At 10%  
Underinflation**

**Proper Air  
Pressure**

**TIRE LIFE PER YEAR**



3600  
hrs.

**TIRES PER YEAR**



167

**TIRE LIFE PER YEAR**



4000  
hrs.

**TIRES PER YEAR**



150

**17**

**Tires that ran  
longer at proper  
air pressure**

**IN ANNUAL SAVINGS**

**PROPER = BIG  
AIR PRESSURE SAVINGS**



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