

Figure 13.24-8 Pneumatic Tire Roller Tire Offset

#### 13.24.10 Vibratory Roller

The rollers discussed previously use only the weight of the roller to achieve compaction while operating in static mode. Vibratory rollers are capable of imparting an impact loading on the mixture as they vibrate during operation. It is possible to control the frequency and the amplitude of the vibratory effort imparted by the roller. Figure 13.24-9 shows a vibratory roller in use.



Figure 13.24-9 Vibratory Roller

#### 13.24.11 Trench Roller

Trench rollers can be utilized to compact asphalt mixtures in situations where the width of course to be rolled is too narrow for traditional type rollers. Figure 13.24-10 shows a trench roller.

