

## Productivity

April 2023

Prepared by Transportation Planning  
Missouri Department of Transportation

## Pallet Pal 360



### Description and Benefit

The Pallet Pal 360 is a simple, automatic load leveler that uses a system of springs and shock absorbers to lower and raise loads as boxes are added or removed from pallets. A turntable top allows nearside loading and unloading. No power or air supply is required. Pallet loads can be up to 4,500 pounds can easily be handled by the Pallet Pal 360 Spring pallet leveler. This innovation was purchased after an employee had a workman's compensation claim for a back injury from lifting a bag of Asphalt Patch Mix off a pallet near the floor. Using this product has greatly decreased the chances of injuries and overall makes loading and unloading pallets faster, safer, and easier.

### For More Information Contact

Southwest District – Maintenance  
Colin Jackson at [Colin.Jackson@modot.mo.gov](mailto:Colin.Jackson@modot.mo.gov) or 417-612-1649.

Southwest District – Maintenance  
Matt Ilgenfritz at [Matthew.Ilgenfritz@modot.mo.gov](mailto:Matthew.Ilgenfritz@modot.mo.gov) or 417-895-6724.

Model Number	Capacity Range	Raised Height	Lowered Height	Overall Base W x L	Turntable Diameter
<u>PalletPal 360</u>	400 - 4500 <u>lbs</u>	28"	9 1/2"	36 x 36"	43 5/8"