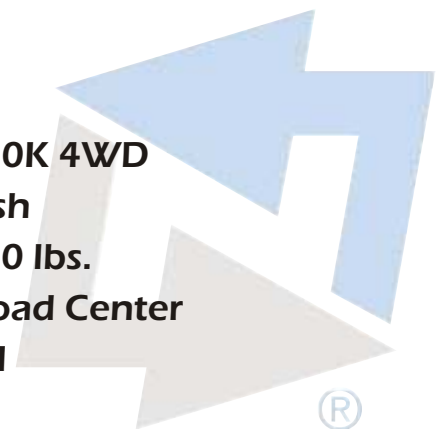


**Characteristics:**

**Model**  
**System of Measurement**  
**Capacity**  
**At Load Center**  
**Power**

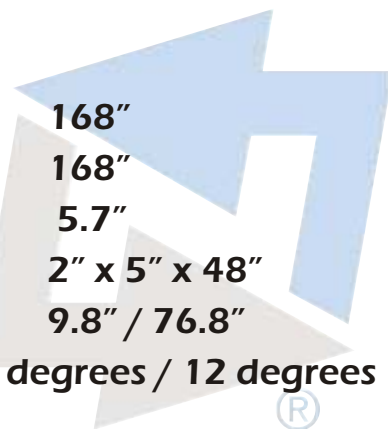
**Rated Load**  
**Distance**

**R80 10K 4WD**  
**English**  
**10,000 lbs.**  
**24" Load Center**  
**Diesel**




**Dimensions:**

Lift	Maximum Fork Height with Load	168"
	Maximum Fork Height	168"
	Free Fork Height	5.7"
Forks	Length x Width x Thickness	2" x 5" x 48"
Fork Spacing	Minimum / Maximum	9.8" / 76.8"
Tilt of Mast	Forward / Back	45 degrees / 12 degrees





# R80 10K 4-WHEEL DRIVE

## Characteristics

Model		R80 10K 4WD
System of Measurement		English
Capacity	Rated Load	10,000 lbs.
At Load Center	Distance	24" Load Center
Power		Diesel
Wheels	Number Front / Rear	4 WD

## Dimensions

Lift	Maximum Fork Height with Load	168"
	Maximum Fork Height	168"
	Free Fork Height	5.7"
Forks	Length x Width x Thickness	2" x 5" x 48"
Fork Spacing	Minimum / Maximum	9.8" / 76.8"
Tilt of Mast	Forward / Back	45 degrees / 12 degrees
Overall Dimensions	Length to Fork Face	162"
	Width with Standard Tires	93.5"
	Height with Lowered Mast	139.5"
	Seat Height	61"
	To Top of Overhead Guard With Extended Mast	105" 168"
Minimum Outside Turning Radius		250"
Load Moment Constant / From Center of Front Axle to Fork Face		33"
Minimum Aisle - 90 Stack / Add Load Length and Clearance		335"
Performance		
Top Travel Speed	Standard	13 mph
Lift Speed	Loaded / Unloaded (Diesel)	52 / 67 fpm
Lowering Speed	Loaded / Unloaded	66 / 48 fpm
Drawbar Pull Unloaded	All Trucks	11000
Gradeability	Loaded	42.2%
	Unloaded	58%

## Weight

Empty		18,300 lbs.
Axle Load	With Rated Load / Front	25,150 lbs.
	With Rated Load / Rear	3,150 lbs.
	Without Load / Front	9,100 lbs.
	Without Load / Rear	9,200 lbs.





# R80 10K 4-WHEEL DRIVE

## Chassis

<b>Tires</b>	<b>Front / Standard</b> <b>Rear</b>	<b>Michelin 18 X 19.5 16 Ply</b> <b>Michelin 18 X 19.5 16 Ply</b>
<b>Wheel Base</b>		<b>94.2"</b>
<b>Tread Width</b>	<b>Front with Standard Tires</b> <b>Rear</b>	<b>75"</b> <b>71.7"</b>
<b>Ground Clearance</b>	<b>With Load at Lowest Point</b> <b>With Load at Center of Wheel Base</b>	<b>8.8"</b> <b>16.8"</b>
<b>Brakes</b>	<b>Service (Standard)</b> <b>Parking</b>	<b>Shoe Type / Hydraulic Drum Brakes</b> <b>Hand Operated / Mechanical</b>

## Power Train

	<b>Manufacturer / Model (Diesel)</b>	<b>Perkins 1004.42</b>
	<b>Gross Power per SAE J1349 (Diesel)</b>	<b>86 Hp</b>
	<b>At RPM (Diesel)</b>	<b>2400 rpm</b>
	<b>Cylinder / Displacement (Diesel)</b>	<b>4 / 258 in3</b>
<b>Transmission</b>	<b>Type</b>	<b>Power Shuttle</b>
	<b>Number of Speeds</b>	<b>3 / 3</b>
<b>Relief Pressure</b>	<b>For Attachment</b>	<b>2500 psi</b>

