MPR 080-100VG

Enclosed end rider pallet truck

8,000-10,000 lbs.
## TRUCK DIMENSIONS - MPR080VG, MPR100VG

### General Specifications - MPR080VG

1. **Manufacturer**: Yale
2. **Model designation**: MPR080VG
3. **Battery type**: 24 volt
4. **Operator type**: Stand ride

### Fork Length
- **Removal**: 13.5 (344)
- **Actual**: 13.7 (347)

### Fork Overall Length
- **Raised**: 51.3 (1304)
- **Lowered**: 51.1 (1300)

### Wheelbase
- **Raised**: 11.3 (287)
- **Lowered**: 11.3 (287)

### Overall Length
- **Raised**: 3.7 (93)
- **Lowered**: 3.7 (93)

### Load Distance
- **Raised**: 3.7 (93)
- **Lowered**: 3.7 (93)

### Dimensional Specifications

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Raised (In.</th>
<th>In. (mm)</th>
<th>Lowered (In.</th>
<th>In. (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelbase</td>
<td>3.7 (93)</td>
<td>3.7 (93)</td>
<td>3.7 (93)</td>
<td>3.7 (93)</td>
</tr>
<tr>
<td>Overall length</td>
<td>9.3 (235)</td>
<td>9.3 (235)</td>
<td>9.3 (235)</td>
<td>9.3 (235)</td>
</tr>
<tr>
<td>Grade clearance</td>
<td>.2 (5)</td>
<td>.2 (5)</td>
<td>.2 (5)</td>
<td>.2 (5)</td>
</tr>
<tr>
<td>Max travel speed</td>
<td>9.0 / 6.5</td>
<td>9.0 / 6.5</td>
<td>9.0 / 6.5</td>
<td>9.0 / 6.5</td>
</tr>
<tr>
<td>Number of speeds</td>
<td>Infinitely variable</td>
<td>Infinitely variable</td>
<td>Infinitely variable</td>
<td>Infinitely variable</td>
</tr>
<tr>
<td>Drive type</td>
<td>5.0 x 2.0</td>
<td>5.0 x 2.0</td>
<td>5.0 x 2.0</td>
<td>5.0 x 2.0</td>
</tr>
<tr>
<td>Ampere hours</td>
<td>Maximum</td>
<td>Maximum</td>
<td>Maximum</td>
<td>Maximum</td>
</tr>
<tr>
<td>Battery weight</td>
<td>Maximum</td>
<td>Maximum</td>
<td>Maximum</td>
<td>Maximum</td>
</tr>
</tbody>
</table>

### PERFORMANCE

- **Max travel speed**: Chassis first (no load / rated load)
- **Number of speeds**: Infinitely variable

### WEIGHS

<table>
<thead>
<tr>
<th>Weight</th>
<th>Raised (Lb.</th>
<th>Lb. (kg)</th>
<th>Lowered (Lb.</th>
<th>Lb. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Truck weight (without battery)</td>
<td>1824 (827)</td>
<td>1824 (827)</td>
<td>1824 (827)</td>
<td>1824 (827)</td>
</tr>
<tr>
<td>Axle loading - drive &amp; caster</td>
<td>707 (321)</td>
<td>707 (321)</td>
<td>707 (321)</td>
<td>707 (321)</td>
</tr>
<tr>
<td>Axle loading - load wheels</td>
<td>750 (339)</td>
<td>750 (339)</td>
<td>750 (339)</td>
<td>750 (339)</td>
</tr>
<tr>
<td>Drive type</td>
<td>13.5 x 5.5</td>
<td>13.5 x 5.5</td>
<td>13.5 x 5.5</td>
<td>13.5 x 5.5</td>
</tr>
</tbody>
</table>

### Notes:
- * Right angle stack and equal intersecting aisle are calculated using a 40" wide pallet flush with fork tips.
- ** Subtract 12.9mm if equipped with tandem load wheels.
- *** Optional with Yale Power Key

Above specifications, unless otherwise listed, are for a standard truck without optional equipment.
### General Specifications - MPR100VG

<table>
<thead>
<tr>
<th>1</th>
<th>Manufacturer</th>
<th>Yale</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Model designation</td>
<td>MPR100VG</td>
</tr>
<tr>
<td>3</td>
<td>Battery type</td>
<td>24 volt</td>
</tr>
<tr>
<td>4</td>
<td>Operator type</td>
<td>Stand ride</td>
</tr>
<tr>
<td>5</td>
<td>No. of Standard Cells</td>
<td>16</td>
</tr>
<tr>
<td>6</td>
<td>Standard Lead Acid Battery</td>
<td>865 (392)</td>
</tr>
<tr>
<td>7</td>
<td>Weight</td>
<td>825 (374)</td>
</tr>
<tr>
<td>8</td>
<td>Overall Height</td>
<td>600 (140)</td>
</tr>
<tr>
<td>9</td>
<td>Battery Charging</td>
<td>23.3 (592)</td>
</tr>
<tr>
<td>10</td>
<td>Fork Length</td>
<td>1000 (254)</td>
</tr>
<tr>
<td>11</td>
<td>Fork Width</td>
<td>254 (64)</td>
</tr>
<tr>
<td>12</td>
<td>Fork Tip Clearance</td>
<td>26.5 (673)</td>
</tr>
<tr>
<td>13</td>
<td>Overall Width</td>
<td>13.0 (330)</td>
</tr>
<tr>
<td>14</td>
<td>Overall Length</td>
<td>13.0 (330)</td>
</tr>
<tr>
<td>15</td>
<td>Overall Height</td>
<td>23.3 (592)</td>
</tr>
<tr>
<td>16</td>
<td>Battery Specification</td>
<td>330 (838)</td>
</tr>
<tr>
<td>17</td>
<td>Battery Type</td>
<td>1035 (469)</td>
</tr>
<tr>
<td>18</td>
<td>Battery Capacity</td>
<td>1530 (390)</td>
</tr>
<tr>
<td>19</td>
<td>Battery Voltage</td>
<td>13.0 (330)</td>
</tr>
<tr>
<td>20</td>
<td>Battery Amps</td>
<td>23.3 (592)</td>
</tr>
<tr>
<td>21</td>
<td>Battery Weight</td>
<td>13.0 (330)</td>
</tr>
<tr>
<td>22</td>
<td>Battery Size</td>
<td>13.0 (330)</td>
</tr>
</tbody>
</table>

### BATTERY SPECIFICATIONS - MPR080VG, MPR100VG

- **No. of cells**: 12
- **Capacity at 8 hour rate**: 930 (21.5)
- **Weight**: 13.0 (330)

### Performance

- **Max travel speed**: 9.0 / 6.5 (14.5 / 10.5)
- **Max travel speed**: 7.0 / 6.5 (11.3 / 10.5)
- **Max travel speed**: 5.0 / 2.0 (8.0 / 4.0)

### Dimensions

- **Height**: 28 (710)
- **Width**: 160 (4064)
- **Length**: 204.9 (5204)

### Features List - MPR080VG, MPR100VG

- **Standard Features**
  - Operator fan
  - Knee pad
  - Operator back pad
  - 72" High (bolt-on) load backrest
  - 48" High (pivoting or bolt-on) load backrest

- **Options**
  - 144" Long forks – extended tip (MPR100VG)
  - 144" Long forks – extended tip (MPR100VG)
  - 93" Long forks – extended tip (MPR100VG)
  - 60" Long forks – standard tip (MPR100VG)
  - 54" Long forks – standard tip (MPR100VG)

- **Accessories**
  - 4-Point chassis design
  - Red polyurethane – 85 durometer – 13.5" x 5.5"
  - Red polyurethane “X” groove – 85 durometer – 13.5" x 5.5"
  - Heavy duty casters – sealed wheel

- **Energy System**
  - 24 Volt electrical system
  - Hall effect sensor technology

- **Supplemental**
  - 12 Months / 6,000 hour manufacturer’s warranty
  - Lifetime main frame warranty

---

**Note**: Above specifications, unless otherwise listed, are for a standard truck without additional equipment.

**X**: Right angle stack and equal intersecting aisle are calculated using a 40" wide pallet flush with fork tips.

**Y**: X” groove style greaseable pivot bushings (8K)

**Z**: Electrical horn

**X**: 508

**Y**: 5408

**Z**: 508

---

**Yale Bulletin**: 2015

**Yale Power Red**: 2015
About Yale

Yale Lift Truck Technologies leverages over a century of material handling experience and substantial investment in innovation to bring the most advanced technology-driven lift truck solutions to market. The company offers a full line of award-winning lift trucks, including reach trucks, order pickers, turret trucks, pallet jacks and trucks, pallet stackers, tow tractors and counterbalanced forklifts, as well as powerful operator assist solutions, proven robotics and a wide range of power sources to help customers adapt to today’s demanding supply chain. Yale and its independent dealer network support these solutions with comprehensive after-sales service, parts, financing and training.

Yale Lift Truck Technologies
P.O. Box 7367
Greenville, NC 27835-7367
U.S.A.

yale.com

© 2023 Hyster-Yale Group, Inc., all rights reserved. YALE and ® are trademarks of Hyster-Yale Group, Inc.

Trucks may be shown with optional equipment and/or features not available in all regions. Truck performance may be affected by the condition of the vehicle, how it is equipped and the application. Specifications are subject to change without notice. Consult your Yale® Dealer if any of the information shown is critical to your application.

CERTIFICATION: Yale lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Classified by Underwriters Laboratories, Inc.