MPC 060-080VG

Center rider pallet truck
6,000-8,000 lbs.

SPEC SHEET
TRUCK DIMENSIONS - MPC060VG, MPC080VG

- 49.6 in (1259 mm)
- 34.8 in (883 mm)
- 9.1 in (232 mm)
- 6.75 in (171.5 mm)
- 12" x 4.5" Drive tire
- 10.6 in (269 mm)
- 4 x 2.5 Poly caster wheel
- 13.4 in (340 mm)
- 4.6 in (118 mm) Battery roller option (forks lowered)
- 6.0 in (152 mm)
- 51.1 in (1299 mm)
- 36.9 in (937 mm)
- 31.25 in (794 mm)
- 32.8 in (832 mm)
- 90° 90°
## GENERAL SPECIFICATIONS - MPC060VG

<table>
<thead>
<tr>
<th>1</th>
<th>Manufacturer</th>
<th>Yale®</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Model</td>
<td>MPC060VG</td>
</tr>
<tr>
<td>3</td>
<td>Capacity, rated</td>
<td>lb. (kg)</td>
</tr>
<tr>
<td>4</td>
<td>Voltage</td>
<td>24</td>
</tr>
<tr>
<td>5</td>
<td>Nominal fork length</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>6</td>
<td>Nominal fork width</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>7</td>
<td>Width across forks</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>8</td>
<td>Chassis length w/std. 13.4” battery compartment</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>9</td>
<td>Overall length, w/std. 13.4” battery compartment</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>10</td>
<td>Wheelbase, lowered w/13.4” battery compartment</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>11</td>
<td>Wheelbase, raised w/13.4” battery compartment</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>12</td>
<td>Turning radius, lowered, w/13.4” batt. cmpmt/ wide handle</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>13</td>
<td>Turning radius, raised, w/13.4” batt. cmpmt/ wide handle</td>
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</tr>
<tr>
<td>14</td>
<td>Right angle aisle, w/13.4” battery compartment†</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>15</td>
<td>Equal intersecting aisle, w/13.4” battery compartment†</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>16</td>
<td>Grade clearance, center wheelbase, raised w/pallet</td>
<td>%</td>
</tr>
<tr>
<td>17</td>
<td>Grade clearance, forks end, raised w/pallet</td>
<td>%</td>
</tr>
<tr>
<td>18</td>
<td>Battery compartment size - std. 13.4”, (L x W x H)²</td>
<td>in. (mm)</td>
</tr>
<tr>
<td>19</td>
<td>Travel speed, std. equipped truck  No load</td>
<td>mph (km/h)</td>
</tr>
<tr>
<td>20</td>
<td>Travel speed, std. equipped truck  Rated load</td>
<td>mph (km/h)</td>
</tr>
<tr>
<td>21</td>
<td>Lift / lower speed, No Load</td>
<td>seconds</td>
</tr>
<tr>
<td>22</td>
<td>Lift / lower speed, 6,000 lbs. Load</td>
<td>seconds</td>
</tr>
<tr>
<td>23</td>
<td>Drive tire size (polyurethane)</td>
<td></td>
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<tr>
<td>24</td>
<td>Load wheel size, tandem (polyurethane)</td>
<td>(2 x)</td>
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<tr>
<td>25</td>
<td>Total approx. weight, 13.4” compartment - w/o battery</td>
<td>lb. (kg)</td>
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## GENERAL SPECIFICATIONS - MPC080VG

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<td>Total approx. weight, 13.4” compartment - w/o battery</td>
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*MPC060-080VG pallet trucks use Red battery connector – 20” (508 mm) 1/0 gauge leads, B position.

1 Equal Intersecting Aisle and Right Angle Aisle Stacking dimensions are with standard GMA pallet(s) that measure 48.0” x 40.0”.

2 Length is measured side to side of truck.
## Battery and Compartment Specifications - MPC060VG, MPC080VG

<table>
<thead>
<tr>
<th>Number of cells</th>
<th>Cell size</th>
<th>Plates per cell</th>
<th>Capacity</th>
<th>Battery dimensions</th>
<th>Max. weight</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>6 hour rate</td>
<td>“X” (in. / mm)</td>
<td>“Y” (in. / mm)</td>
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<tr>
<td>12</td>
<td>75</td>
<td>11</td>
<td>375 (8.7)</td>
<td>26.5 (673)</td>
<td>13.0 (330)</td>
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<tr>
<td>12</td>
<td>85</td>
<td>11</td>
<td>425 (9.9)</td>
<td>26.1 (663)</td>
<td>13.0 (330)</td>
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<tr>
<td>12</td>
<td>75</td>
<td>13</td>
<td>450 (10.5)</td>
<td>30.9 (785)</td>
<td>13.0 (330)</td>
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<tr>
<td>12</td>
<td>85</td>
<td>13</td>
<td>510 (11.9)</td>
<td>30.9 (785)</td>
<td>13.0 (330)</td>
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<td>12</td>
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<td>13</td>
<td>600 (14.0)</td>
<td>30.9 (785)</td>
<td>13.0 (330)</td>
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<td>125</td>
<td>13</td>
<td>750 (17.6)</td>
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<td>13.0 (330)</td>
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<tr>
<td>12</td>
<td>155</td>
<td>13</td>
<td>930 (21.5)</td>
<td>30.9 (785)</td>
<td>13.0 (330)</td>
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</table>

**Battery compartment**

<table>
<thead>
<tr>
<th>Length in. (mm)</th>
<th>Width in. (mm)</th>
<th>Height in. (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.25 (794)</td>
<td>13.4 (340)</td>
<td>Open</td>
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</table>

Battery connector: SB 175 Amp Red - standard / SB 175 amp grey - optional

Battery lead: length 20” (508mm), position “B”, 1/0 AWG

Battery cover required

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**Zero clearance equal intersecting aisle**

**Zero clearance right angle stack**
### FEATURES LIST

#### PERFORMANCE

<table>
<thead>
<tr>
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<th>STD</th>
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<tr>
<td>24 volt AC electrical system</td>
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<td></td>
</tr>
<tr>
<td>AC traction motor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transistor hoist control</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADS (Auto Deceleration System) with regenerative braking</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Floor mounted high speed switch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operator selectable performance modes</td>
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#### DRIVE

<table>
<thead>
<tr>
<th></th>
<th>STD</th>
<th>OPT</th>
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</thead>
<tbody>
<tr>
<td>Drive Tire 12” x 4.5”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyurethane 90 durometer</td>
<td></td>
<td></td>
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<tr>
<td>Soft polyurethane 80 durometer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red polyurethane 85 durometer</td>
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<td></td>
</tr>
<tr>
<td>NDIthane polyurethane 90 durometer</td>
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</tr>
<tr>
<td>Caster’s 4” x 2.5” quick adjust spring-loaded polyurethane</td>
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<td></td>
</tr>
<tr>
<td>heavy duty greaseable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>heavy duty sealed wheel</td>
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<tr>
<td>Load wheels</td>
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</tr>
<tr>
<td>3.25” x 6.5” single polyurethane</td>
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<td></td>
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<tr>
<td>3.25” x 3.25” dual polyurethane</td>
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<td></td>
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<tr>
<td>2 bearing and 4 bearing</td>
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</tr>
<tr>
<td>Greaseable and sealed bearing</td>
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#### LIFT

<table>
<thead>
<tr>
<th></th>
<th>STD</th>
<th>OPT</th>
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</thead>
<tbody>
<tr>
<td>Heavy duty, long life lift linkage with lubrication fittings</td>
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<td></td>
</tr>
<tr>
<td>“X” groove style greaseable pivot bushings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1” hardened, bolt retained flag pins</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knock-out load wheel axles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lift motor cut-out at full height</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fork lengths</td>
<td></td>
<td></td>
</tr>
<tr>
<td>48” long forks - standard tip</td>
<td></td>
<td></td>
</tr>
<tr>
<td>36” long forks - standard tip</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60” long forks - standard tip</td>
<td></td>
<td></td>
</tr>
<tr>
<td>84” long forks - extended tip</td>
<td></td>
<td></td>
</tr>
<tr>
<td>93” long forks - extended tip</td>
<td></td>
<td></td>
</tr>
<tr>
<td>96” long forks - extended tip</td>
<td></td>
<td></td>
</tr>
<tr>
<td>144” long forks - extended tip</td>
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</tr>
<tr>
<td>Short wheelbase (MPC080-VG only)</td>
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<tr>
<td>Fork widths</td>
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<td></td>
</tr>
<tr>
<td>27” wide</td>
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</tr>
<tr>
<td>28” wide</td>
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</tr>
<tr>
<td>Pallet entry rollers</td>
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<tr>
<td>Pallet entry skid bars</td>
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<tr>
<td>Flush pallet stop</td>
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<tr>
<td>Load backrest 48” high</td>
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#### ERGONOMICS

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<tr>
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<tbody>
<tr>
<td>Steering column with three tilt positions</td>
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<tr>
<td>Removable thick cushioned floormat</td>
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<tr>
<td>Cushioned knee and backpads</td>
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<tr>
<td>3” thick premium backrest package</td>
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<td></td>
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<tr>
<td>Auxiliary controls</td>
<td></td>
<td></td>
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<tr>
<td>Integrated armrest</td>
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### OPERATION

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Control Handle with full rotary grip travel control</td>
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</tr>
<tr>
<td>17” Wide</td>
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</tr>
<tr>
<td>25” Wide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pick Assist</td>
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<tr>
<td>Multifunction full-color touch display</td>
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<tr>
<td>Battery state of charge</td>
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<td>Hour meter</td>
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<tr>
<td>Low battery lift interrupt</td>
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<tr>
<td>Fault indicator</td>
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<tr>
<td>Battery connector</td>
<td></td>
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</tr>
<tr>
<td>175 amp red</td>
<td></td>
<td></td>
</tr>
<tr>
<td>175 amp grey</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RF terminal power supply – 24-volt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audible alarm - self adjusting back up</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronic horn</td>
<td></td>
<td></td>
</tr>
<tr>
<td>On-board software</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Program, test and diagnose</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No handset required</td>
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</tr>
<tr>
<td>Password protected</td>
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</tr>
<tr>
<td>Convenience tray (battery mounted)</td>
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<tr>
<td>Two-stage brake switch</td>
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<tr>
<td>Electromechanical park brake</td>
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#### ENERGY SYSTEM

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<tr>
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<tr>
<td>Set for flooded cell</td>
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</tr>
<tr>
<td>Set for maintenance free</td>
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<tr>
<td>Yale Power Key</td>
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#### SUPPLEMENTAL

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<tr>
<th></th>
<th>STD</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Operating manual</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 months / unlimited hour manufacturer’s warranty</td>
<td></td>
<td></td>
</tr>
<tr>
<td>36 months / 6,000 hour powertrain warranty</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lifetime main frame warranty</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 year / 6,000 hour part A comprehensive parts and labor no deduct</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 year / 10,000 hour part A comprehensive parts and labor no deduct</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 year / 10,000 hour part B powertrain parts and labor no deduct</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HY-Shield - part A extension to 3 years / 6,000 hours - part B extension to 5 years / 10,000 hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parts manual</td>
<td></td>
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<tr>
<td>CD</td>
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<thead>
<tr>
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<th>OPT</th>
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<tbody>
<tr>
<td>UL Classification “E”</td>
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</tr>
<tr>
<td>UL Classification “EE”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Application/Environmental Construction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard construction: operating temperatures +32°F to 120°F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooler/Freezer package: operating temperatures 0°F to +120°F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sub-zero freezer package: operating temperatures -40°F to +120°F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wash down package: operating temperatures 0°F to +120°F</td>
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<td></td>
</tr>
<tr>
<td>Key ignition switch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Keyless toggle start switch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31.3” x 13.4” open battery compartment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Battery rollers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20.8” x 32” wide operator’s compartment</td>
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#### VISIBILITY

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<thead>
<tr>
<th></th>
<th>STD</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Amber LED strobe light pole mounted</td>
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<tbody>
<tr>
<td>UL Classification “E”</td>
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</tr>
<tr>
<td>UL Classification “EE”</td>
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<tr>
<td>Application/Environmental Construction</td>
<td></td>
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</tr>
<tr>
<td>Standard construction: operating temperatures +32°F to 120°F</td>
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</tr>
<tr>
<td>Cooler/Freezer package: operating temperatures 0°F to +120°F</td>
<td></td>
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<tr>
<td>Sub-zero freezer package: operating temperatures -40°F to +120°F</td>
<td></td>
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<tr>
<td>Wash down package: operating temperatures 0°F to +120°F</td>
<td></td>
<td></td>
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<tr>
<td>Key ignition switch</td>
<td></td>
<td></td>
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<tr>
<td>Keyless toggle start switch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31.3” x 13.4” open battery compartment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Battery rollers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20.8” x 32” wide operator’s compartment</td>
<td></td>
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</tbody>
</table>

### VISIBILITY

<table>
<thead>
<tr>
<th></th>
<th>STD</th>
<th>OPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amber LED strobe light pole mounted</td>
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</tbody>
</table>
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.