<table>
<thead>
<tr>
<th>CHARACTERISTICS</th>
<th>TCM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td>TCM</td>
</tr>
<tr>
<td>Models</td>
<td>FHG36N2</td>
</tr>
<tr>
<td>Load Capacity</td>
<td>lbs (kgs)</td>
</tr>
<tr>
<td>Load Center</td>
<td>in (mm)</td>
</tr>
<tr>
<td>Power Type</td>
<td>Gasoline or LPG</td>
</tr>
<tr>
<td>Control Type</td>
<td>Sit Down Rider Type</td>
</tr>
<tr>
<td>Tire Type</td>
<td>Front/Rear Pneumatic</td>
</tr>
<tr>
<td>Wheels (x=driven)</td>
<td>Front/Rear 2x / 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Fork Height</td>
<td>in (mm)</td>
</tr>
<tr>
<td>Free Lift</td>
<td>in (mm)</td>
</tr>
<tr>
<td>Fork Size</td>
<td>L x W x T in (mm)</td>
</tr>
<tr>
<td>Tilt Angle</td>
<td>Fwd/Bwd deg</td>
</tr>
<tr>
<td>Length to For Face</td>
<td>in (mm)</td>
</tr>
<tr>
<td>Overall Width</td>
<td>in (mm)</td>
</tr>
<tr>
<td>Mast Height Fork Lowered</td>
<td>in (mm)</td>
</tr>
<tr>
<td>Mast Height Fork Raised</td>
<td>in (mm)</td>
</tr>
<tr>
<td>Overhead Guard Height</td>
<td>in (mm)</td>
</tr>
<tr>
<td>Turning Radius (Outside)</td>
<td>in (mm)</td>
</tr>
<tr>
<td>Fork Overhang (Centerline of front axle to front face of forks)</td>
<td>in (mm)</td>
</tr>
<tr>
<td>Basic Right Angle Stacking Aisle Width (Add load length and clearance)</td>
<td>in (mm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PERFORMANCE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel Max. (Fwd/Rvs)</td>
<td>With Load mph (km/h)</td>
</tr>
<tr>
<td></td>
<td>Without Load mph (km/h)</td>
</tr>
<tr>
<td>Lifting</td>
<td>With Load mph (km/h)</td>
</tr>
<tr>
<td></td>
<td>Without Load mph (km/h)</td>
</tr>
<tr>
<td>Lowering</td>
<td>With Load mph (km/h)</td>
</tr>
<tr>
<td></td>
<td>Without Load mph (km/h)</td>
</tr>
<tr>
<td>Max. Drawbar pull</td>
<td>With load lbs (kN)</td>
</tr>
<tr>
<td></td>
<td>Without load lbs (kN)</td>
</tr>
<tr>
<td>Gradeability at 1.6 km/h (1mph)</td>
<td>With load % (tan q)</td>
</tr>
<tr>
<td></td>
<td>Without load % (tan q)</td>
</tr>
</tbody>
</table>
### WEIGHT

| 32 | Total Weight | lbs (kg) | 12020 (5450) |
| 33 | Weight Distribution (Min. / Max.) |  |  |
| With Load | Front | lbs (kg) | 17510 (7940) |
| | Rear | lbs (kg) | 2450 (1110) |
| Without Load | Front | lbs (kg) | 4590 (2080) |
| | Rear | lbs (kg) | 7430 (3370) |

### BRAKES AND TIRES

| 35 | Number | Front/Rear | 2 / 2 |
| 36 | Tires | Size | Front | 250-15-16PR (I) |
| Rear | 7.00 - 12 - 12PR (I) |
| 38 | Wheelbase | in (mm) | 79.0 (1800) |
| 39 | Tread | in (mm) | Front | 43.1 (1095) |
| Rear | 43.7 (1110) |
| 40 | Ground Clearance | At Lowest Point | in (mm) | 5.71 (145) |
| At Frame | in (mm) | 6.1 (155) |
| 42 | Brake | Service | Power Assist Hydraulic - Foot Pedal |
| Parking | Mechanical - Hand Lever |
| 44 | Power Steering | Full Hydrostatic Type |

### ENGINE AND TRANSMISSION

| 45 | Battery (option) | Voltage/Capacity | 1 x 12V / 45AH / 20h |
| 49 | Model | NISSAN H25 |
| 50 | Internal Combustion Engine | Rated Horsepower / rpm | 44.1 kW / 2500 r.p.m. : 60 PS / 2500 r.p.m. (SAE GROSS 64 HP /2500 r.p.m.) |
| 51 | | Rated Torque / rpm | 18.3 / 1600 |
| | | | (132 / 1600) |
| 52 | | | 4 |
| | | | Displacement | Cu. In. (lit) | 151 (2.472) |
| | | | Fuel Tank Capacity | US gal (lit) | 15.9 (60) |
| 55 | Transmission | Number of Speeds (Fwd / Rvs) - Type | 2 / 1 Power Shift T/M |
| 57 | Operating Pressure | For Attachment | psi (kg/cm²) | 2630 (185) |
## STANDARD DIMENSIONS (Front Single Tire)

<table>
<thead>
<tr>
<th>MODELS</th>
<th>FHG/D36</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in.</td>
</tr>
<tr>
<td>1 Overall Height, Fork Raised (with backrest)#</td>
<td>167.9</td>
</tr>
<tr>
<td>2 Max. Fork Height</td>
<td>118.1</td>
</tr>
<tr>
<td>3 Overall Height, Fork Lowered (upright)</td>
<td>82.1</td>
</tr>
<tr>
<td>4 Backrest Height (from upper face of forks)#</td>
<td>48.0</td>
</tr>
<tr>
<td>5 Free Lift</td>
<td>5.9</td>
</tr>
<tr>
<td>6 Fork Thickness</td>
<td>2.0</td>
</tr>
<tr>
<td>7 Min. Under-clearance (bottom of mast)</td>
<td>5.71</td>
</tr>
<tr>
<td>8 Overall Length (with forks)</td>
<td>156.6</td>
</tr>
<tr>
<td>9 Overall Length (without forks)</td>
<td>114.5</td>
</tr>
<tr>
<td>10 Fork Length</td>
<td>42.1</td>
</tr>
<tr>
<td>11 Fork Overhang</td>
<td>20.9</td>
</tr>
<tr>
<td>12 Wheelbase</td>
<td>70.9</td>
</tr>
<tr>
<td>13 Rear Overhang</td>
<td>22.8</td>
</tr>
<tr>
<td>14 Coupler Height</td>
<td>11.4</td>
</tr>
<tr>
<td>15 Overhead guard clearance (from face of seat)</td>
<td>41.3</td>
</tr>
<tr>
<td>16 Overall Height (overhead guard)</td>
<td>85.0</td>
</tr>
<tr>
<td>17 Overall Width</td>
<td>52.4</td>
</tr>
<tr>
<td>18 Lateral Fork Adjustment (outside forks)</td>
<td>11.8 - 47.2</td>
</tr>
<tr>
<td>19 Tread (front)</td>
<td>43.1</td>
</tr>
<tr>
<td>20 Tread (rear)</td>
<td>43.7</td>
</tr>
<tr>
<td>21 Fork Width</td>
<td>5.9</td>
</tr>
<tr>
<td>22 Inside Turning Radius</td>
<td>5.1</td>
</tr>
<tr>
<td>23 Outside Turning Radius</td>
<td>102.4</td>
</tr>
<tr>
<td>24 Min. Intersecting Aisle</td>
<td>89.4</td>
</tr>
<tr>
<td>25 Tilting Angle (forward-backward)</td>
<td>6° - 12°</td>
</tr>
</tbody>
</table>

## DUAL DRIVE TIRE DIMENSIONS

<table>
<thead>
<tr>
<th>MODELS</th>
<th>FHG/D36</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in.</td>
</tr>
<tr>
<td>17 Overall Width</td>
<td>72.6</td>
</tr>
<tr>
<td>19 Tread (front)</td>
<td>53.3</td>
</tr>
<tr>
<td>22 Inside turning radius</td>
<td>3.9</td>
</tr>
<tr>
<td>23 Outside turning radius</td>
<td>107.1</td>
</tr>
<tr>
<td>24 Min. intersecting aisle</td>
<td>96.9</td>
</tr>
</tbody>
</table>

TCM products and specification are subject to improvement and change without notice.
FHG36N2/FHD36Z2

CAPACITY (lbs)

LOAD CENTER (in)

CAPACITY (kg)

LOAD CENTER (mm)