Terex® Hi-Ranger Aerial Devices are known throughout the industry. They come with a long history featuring quality and innovative design.

### MEASUREMENTS

<table>
<thead>
<tr>
<th></th>
<th>HR37</th>
<th>HR40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typical Frame Height (FH)</td>
<td>32 in. (81 cm)</td>
<td>32 in. (81.3 cm)</td>
</tr>
<tr>
<td>Typical Cab Height (CH)</td>
<td>78 in. (198.1 cm)</td>
<td>78 in. (198.1 cm)</td>
</tr>
<tr>
<td>Offset (O)</td>
<td>109.5 in. (278.1 cm)</td>
<td>109.5 in. (278.1 cm)</td>
</tr>
<tr>
<td>Overall Height (OAH)</td>
<td>10'11&quot; (3.3 m)</td>
<td>10'11&quot; (3.3 m)</td>
</tr>
<tr>
<td>Overall Length (OAL)</td>
<td>21' 1&quot; (6.7 m)</td>
<td>22' 1&quot; (6.7 m)</td>
</tr>
<tr>
<td>Unit Length (UL)</td>
<td>19' 11&quot; (6.1 m)</td>
<td>21' 6&quot; (6.6 m)</td>
</tr>
<tr>
<td>Center of Rotation (H)</td>
<td>34.5 in. (87.6 cm)</td>
<td>34.5 in. (87.6 cm)</td>
</tr>
<tr>
<td>Cab to Axle (CA)</td>
<td>84 in. (213.4 cm)</td>
<td>84 in. (213.4 cm)</td>
</tr>
<tr>
<td>Wheel Base (WB)</td>
<td>165 in. (419.1 cm)</td>
<td>165 in. (419.1 cm)</td>
</tr>
<tr>
<td>Front Axle (FA)</td>
<td>6,000 lb. (2,722 kg)</td>
<td>6,500 lb. (2,948 kg)</td>
</tr>
<tr>
<td>Rear Axle (RA)</td>
<td>11,000 lb. (4,990 kg)</td>
<td>13,500 lb. (6,124 kg)</td>
</tr>
<tr>
<td>Gross Vehicle Weight Rating (GVWR)</td>
<td>16,000 lb. (7,258 kg)</td>
<td>19,000 lb. (8,618 kg)</td>
</tr>
<tr>
<td>Recommended Weight for Stability</td>
<td>12,800 lb. (5,811 kg)</td>
<td>14,000 lb. (6,356 kg)</td>
</tr>
<tr>
<td>Frame Section Modulus</td>
<td>10.0 in²</td>
<td>10.0 in²</td>
</tr>
<tr>
<td>Frame Yield Strength</td>
<td>36,000 psi</td>
<td>36,000 psi</td>
</tr>
<tr>
<td>Frame RBM</td>
<td>360,000 in-lbs</td>
<td>360,000 in-lbs</td>
</tr>
</tbody>
</table>
**STANDARD EQUIPMENT**

- Side Mount 24” x 30” x 42” One-Person Platform
- Platform Capacity up to 350 lbs. (159 kg)
- Control-Plus “3-D” Single Stick Control at Platform
- Safety Harness With Attached Lanyard
- Continuous Unrestricted Worm Gear Rotation
- Category “C” Rating Per ANSI A92.2
- Rectangular, Bi-Axial Epoxy Resin, Filament Wound Fiberglass Booms
- Individual Lever Lower Controls
- Mechanical Platform Leveling System
- Two Speed Throttle Control at Upper Controls
- 200° of Upper Boom Articulation
- 102° of Lower Boom Articulation
- Full Pressure, Open-Center Hydraulic System
- 20 Gallon Hydraulic Oil Reservoir
- Padded Boom Rests with Upper Boom Tie Down
- Boom Interlock
- Moving Outrigger Alarm
- Truck Level Indicator

**CAPACITIES AND DIMENSIONAL DATA** *(Based on a 40 Inch Frame Height)*

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bottom of Platform Height</td>
<td>Working Height</td>
<td>Side Reach (Non-Overcenter)</td>
<td>Side Reach (Overcenter)</td>
</tr>
<tr>
<td>HR37</td>
<td>37.8 ft (11.5 m)</td>
<td>42.8 ft (13.0 m)</td>
<td>34.3 ft (10.5 m)</td>
<td>28.9 ft (8.8 m)</td>
</tr>
<tr>
<td>HR40</td>
<td>40.8 ft (12.4 m)</td>
<td>45.8 ft (14.0 m)</td>
<td>27.1 ft (8.3 m)</td>
<td>29.9 ft (9.11 m)</td>
</tr>
</tbody>
</table>

**OPTIONAL EQUIPMENT**

- Various Platform Covers
- Liners With Or Without Steps
- Hydraulic Platform Rotator
- 24” Platform Lifter
- Hydraulic Platform Tilt
- Jib Options
  - Hydraulic Jib Extension Systems
  - Hydraulic Articulating Jib/Winch, Side Mt. Or Underslung 1000 lbs.
  - Single Wire/46 Kv Insulated Single Line Lifter / Multi-Phase Attachments
- Category “B” Rating Per ANSI A92.2
- Lower Boom Lifting Eye
- Automatic Boom Latch
- Hydraulic Tool Outlets
- Engine Stop/Start
- Auxiliary Power
- Auxiliary Let Down System
- Demand Throttle
- Boom Overstow Protection
- Boom/Boom Stow Interlock
- Boom Storage Warning Light
- Outrigger Sag Light
- Various Types of Outriggers
- Truck Grounding Cable and Clamp
- Hybrid Enable
- HyPower™ Hybrid System by Terex®