**AERIAL DEVICES**

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>Measurements</th>
<th>RMX75</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typical Frame Height (FH)</td>
<td>44 in. (111.8 cm)</td>
</tr>
<tr>
<td>Typical Cab Height (CH)</td>
<td>112 in. (284.5 cm)</td>
</tr>
<tr>
<td>Offset (O)</td>
<td>98.0 in. (248.9 cm)</td>
</tr>
<tr>
<td>Overall Height (OAH)</td>
<td>12’ 2” (3.7 m)</td>
</tr>
<tr>
<td>Overall Length (OAL)</td>
<td>37’ 8” (11.5 m)</td>
</tr>
<tr>
<td>Unit Length (UL)</td>
<td>37’ 8” (11.5 m)</td>
</tr>
<tr>
<td>Center of Rotation (H)</td>
<td>24” (61 cm)</td>
</tr>
<tr>
<td>Cab to Axle (CA)</td>
<td>156 in. (396.2 cm)</td>
</tr>
<tr>
<td>Wheel Base (WB)</td>
<td>223 in. (566.4 cm)</td>
</tr>
<tr>
<td>Front Axle (FA)</td>
<td>16,000 lb. (7,258 kg)</td>
</tr>
<tr>
<td>Rear Axle (RA)</td>
<td>34,000 lb. (15,422 kg)</td>
</tr>
<tr>
<td>Gross Vehicle Weight Rating</td>
<td>50,000 lb. (22,680 kg)</td>
</tr>
<tr>
<td>Recommended Weight for Stability</td>
<td>36,000 lb. (16,329 kg)</td>
</tr>
<tr>
<td>Frame Section Modulus</td>
<td>18.0 in³</td>
</tr>
<tr>
<td>Frame Yield Strength</td>
<td>50,000 psi</td>
</tr>
<tr>
<td>Frame RBM</td>
<td>900,000 in-lbs</td>
</tr>
</tbody>
</table>
STANDARD EQUIPMENT

- Side Mount 24” x 48” x 42” Two-Person Platform
- Platform Capacity up to 800 lb (362 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
- Power Assist Control System with Automatic Throttle
- Hydraulic Platform Tilt at Upper and Lower Controls
- Hydraulic Platform Leveling System
- Hydraulic Platform Rotators
- Engine Stop/Start
- 75° of Elevation Above Horizontal
- Up to 120° of Lower Boom Articulation
- Pilot-Operated, Closed-Center Hydraulic System
- 35 Gallon Hydraulic Oil Reservoir
- Padded Boom Rests with Upper Boom Tie Down
- Outrigger Interlock
- Moving Outrigger Alarm
- Truck Level Indicator

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

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C - Material Handling</th>
<th>C - Personnel</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bottom of Platform</td>
<td>Working Height</td>
<td>Non-Overcenter Side Reach</td>
<td>Non-Overcenter Side Reach</td>
<td>Platform Rotated, Lip To Ground</td>
<td>Bottom of Platform Above Ground</td>
</tr>
<tr>
<td>RMX75</td>
<td>74.7 ft. (22.8 m)</td>
<td>79.7 ft. (24.3 m)</td>
<td>43.4 ft. (13.2 m)</td>
<td>58.8 ft. (17.9 m)</td>
<td>7.0 in. (17.8 cm)</td>
<td>7.0 in. (17.8 cm)</td>
</tr>
</tbody>
</table>

OPTIONAL EQUIPMENT

- 24” x 48” End Mount Platforms
- 165° of Upper Boom Articulation for Material Handlers
- 195° of Upper Boom Articulation for Personnel Units
- Various Platform Covers
- Liners With or Without Steps
- 24” Platform Lifter
- Jib Options (Side Mount Only)
- Various Jib Extension Systems
- Single Wire / 46 Kv Insulated
- Single Wire / 15 Kv Insulated
- Single Line Lifter / Multi-Phase Attachments
  - Category “A” or “B” Rating Per ANSI A92.2
  - Lower Boom Lifting Eye
  - Automatic Upper Boom Latch
  - Hydraulic Lifts: 13 ft, 15 ft, and *25 ft.
  - Lift Tie Down
  - Hydraulic Tool Outlets
- Various Hydraulic Pumps
- Auxiliary Power
- Auxiliary Let Down System
- Boom Overstow Protection
- Boom Stow Interlock
- Boom Storage Warning Light
- Outrigger Sag Light
- Various Types of Outrigger Systems
- Truck Grounding Cable & Clamp
- Hybrid Enable
- HyPower® Hybrid System by Terex®