Manitou MRT 2540
Max Lift Height: 80'8"
Max Capacity: 8,800 lbs.
Horizontal Reach: 60'8"
Machine Weight: 37,842 lbs.

Frontal Position With Forks

Rotation On Tires With Forks

Rotation On Stabilizers With Forks
## MRT Privilege Plus Rotating Telescopic Handler Specifications

<table>
<thead>
<tr>
<th>CAPACITIES</th>
<th>MRT 2150 Privilege Plus</th>
<th>MRT 2540 Privilege Plus</th>
<th>MRT 3255 Privilege Plus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift Capacity with Forks (kg)</td>
<td>11,000 lbs. (5000)</td>
<td>8,800 lbs. (4000)</td>
<td>12,100 lbs. (5500)</td>
</tr>
<tr>
<td>Lift Capacity with Winch (kg)</td>
<td>11,000 lbs. (5000)</td>
<td>8,800 lbs. (4000)</td>
<td>12,100 lbs. (5500)</td>
</tr>
<tr>
<td>Max. Lift Height (m)</td>
<td>67’7” (20.6)</td>
<td>80’8.5” (24.6)</td>
<td>103’4” (31.5)</td>
</tr>
<tr>
<td>Capacity at Max. Lift Height (kg)</td>
<td>5,500 lbs. (2500)</td>
<td>3,800 lbs. (1750)</td>
<td>5,500 lbs. (2500)</td>
</tr>
<tr>
<td>Max. Forward Reach (m)</td>
<td>59’5” (18.11)</td>
<td>60’8” (18.5)</td>
<td>89’3” (27.2)</td>
</tr>
<tr>
<td>Cap. at Max. Forward Reach (kg)</td>
<td>1,320 lbs. (600)</td>
<td>800 lbs. (400)</td>
<td>440 lbs. (200)</td>
</tr>
</tbody>
</table>

### Engine
- Manufacturer: Mercedes-Benz
- Power (kW): 156 hp (115) Tier IV, 231 hp (170) Tier IV
- Aspiration: Diesel Turbocharged
- Model: OM 934 E4-5, OM 934 LA
- Rated Speed: 2200 rpm
- Torque (N•m) @ rpm: 498 ft-lbs. (675) @ 1200 to 1600, 664 ft-lbs. (900)

### Components
- Transmission: Hydrostatic Transmission, Continuous Variable Transmission
- Max Travel Speed (km/hr): 22.4 mph (36), 25 mph (40)
- Selective Steering: 2-Wheel, 4-Wheel, Crab
- Service Brake: Hydraulic Multi-Disc Brakes and Front and Rear Axles
- Parking Brake: Hydraulic Front Axle
- Axle Manufacturer: Dana

### Hydraulic System
- Pump Type: Piston Pump
- Total Capacity (L/min): 30.4 gpm (115), 55.5 gpm (210)
- System Pressure (bar): 3899 psi (275), 5145 psi (350)

### General Specifications
- Approximate Weight (kg): 38,845 lbs. (17620), 41,006 lbs. (18600), 52,880 lbs. (23986)
- Length - Less Forks (m): 22’5” (6825), 25’7″ (7795), 27’7″ (8412)
- Width (m): 8’1″ (2465), 8′3″ (2500), 8′3″ (2500)
- Ground Clearance (m): 13.8” (350), 16” (400), 16” (400)
- Wheelbase (m): 10’0″ (3050), 12’4″ (3750), 12’4″ (3750)
- Turning Radius - Outside Tire (m): 16’0″ (4880), 16’1″ (4910), 16’1″ (4910)
- Overall Height (m): 3′9″ (1150), 3′9″ (1150), 4′7.5″ (1409)
- Standard Tires: 18 x 22.5 16PR, 18 x 22.5 16PR, Aoelus 17.5 x 25
- Drawbar Pull (daN): 18,434 lbf. (8200), 23,605 (10500)
- Lateral Frame Leveling: + / - 8°
- Longitudinal Frame Leveling: N/A

### Fluid Capacities
- Cooling System (L): 4.75 gal. (18), 9.25 gal. (35)
- Engine Oil (L): 4 gal. (15), 5.4 gal. (20.5)
- Hydraulic Oil (L): 78.5 gal. (297), 78.5 gal. (297)
- Fuel Tank (L): 95.4 gal. (361), 95.4 gal. (361)
- Urea-Ad Blue (L): 14 gal. (54), 16.6 gal. (63)

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### Dimensions Reference Diagrams
(MRT 3255 Privilege Plus shown)

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**Note:** This publication in no way constitutes an offer and the company reserves the right to alter specification without notice.