> Maximum Capacity of 20,000 lbs. (9000 kg)
> 22 ft. 4 in (6.84 m) Lift Height
> 141 HP (104 kW) John Deere Tier IV Engine
> 4-Wheel Drive / 4-Wheel Steer
> JSM Joystick Controls
> High Ground Clearance
> Hydrostatic Transmission
> Solid-Frame Design
> Easy to Maintain
> Variety of Attachments - Compatible with MHT 1490
# MHT 790 HEAVY CAPACITY TELESCOPIC HANDLER

## SPECIFICATIONS

### MHT 790

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift Capacity (kg)</td>
<td>20,000 lbs. (9000)</td>
</tr>
<tr>
<td>Maximum Lift Height (m)</td>
<td>22'4&quot; (6.84 m)</td>
</tr>
<tr>
<td>Capacity at Maximum Lift Height (kg)</td>
<td>13,227 lbs. (6000)</td>
</tr>
<tr>
<td>Maximum Forward Reach (m)</td>
<td>12'2.5&quot; (3.72 m)</td>
</tr>
<tr>
<td>Capacity at Maximum Forward Reach (kg)</td>
<td>7,716 lbs. (3500)</td>
</tr>
</tbody>
</table>

### ENGINE

- Manufacturer: John Deere
- Power (kW): 141 hp (104)
- Model: 4045PWX Tier IV
- Maximum Torque (Nm) @ 1400 rpm: 317 ft.-lbs. (430)

### COMPONENTS

- Transmission: Hydrostatic
- Maximum Travel Speed (km/hr): 18.64 mph (30)
- Selective Steering: 2-Wheel, 4-Wheel, Crab
- Service Brake: Multiple disc brakes, hydraulic front and rear axles
- Parking Brake: Automatic

### HYDRAULICS

- Pump Type: Axial Piston Variable Displacement
- Total Capacity (L/min): 47.5 gpm (180)
- System Pressure (bar): 3916 psi (270)

### GENERAL SPECIFICATIONS

- A. Front Wheel Center to Carriage (m): 3'8" (1.13)
- B. Wheelbase (m): 9'5" (2.87)
- C. Rear Wheel Center to Rear Face (m): 4'2" (1.28)
- D. Length - Without Forks (m): 17'4" (5.27)
- G. Ground Clearance (mm): 16" (409)
- H. Overall Height (m): 8'2" (2.48)
- J. Overall Width of Cab (mm): 35' (884)
- W. Overall Width (to Outside of Tires) (m): 8'1" (2.47)
- Approximate Weight (kg): 28,704 lbs. (13,020)
- Outside Turning Radius (m): 16'0" (4.88)
- Standard Tires: 445 / 65 R22.5

### ATTACHMENT SELECTION

**FORKS AND CARRIAGES**
- Shaft Type Carriages with Forks
- Shaft Type with Hydraulic Fork Positioner
- Shaft Type, w/ Side Shifting Fork Positioner, Requires Dual Hydraulics

**JIBS, HOOKS, AND WINCHES**
- Hooks, Capacity from 20,000 lbs. (9T)
- Jib with 3 Hooks, Capacity 20,000 lbs. (9T)

**TIRE HANDLERS**
- Tire Handler, TH33, 23.6" to 82.7" (600 - 2100 mm), 4,409 lbs. (2000 kg)
  Capacity, Requires Return to Tank and Predisposition

### DIMENSIONS REFERENCE DIAGRAMS

![Load Chart with Forks](image)

Load chart based on 24 inch (600 mm) load center per B56.6.

### MHT 790 Load Zones

1. 20,000 lbs. (9000 kg)
2. 16,534 lbs. (7500 kg)
3. 13,228 lbs. (6000 kg)
4. 11,023 lbs. (5000 kg)
5. 9,259 lbs. (4200 kg)
6. 7,716 lbs. (3500 kg)

This publication in no way constitutes an offer and the company reserves the right to alter specifications without notice.