The Challenger Services trailer utilizes the Mobil-trac system providing more flotation and stability. The rubber tracks are mounted with a bogie suspension. Brakes and/or hydraulic motors are available as an extra cost option.

The trailer and dolly combined have a 90,000 lbs. net payload capacity. This configuration can be used for pipe or general cargo.

The Challenger trailer is also available without a dolly. The undercarriage is center mounted, for balance, and it functions as a semi-trailer hitched directly to the tow tractor. Net payload capacity is 45,000 pounds. This configuration can be towed from either end. An 8 foot extension on both ends is available as an option.

### Ground Pressure—Semi Trailer or with Dolly

<table>
<thead>
<tr>
<th>Belt Width</th>
<th>Empty (psi)</th>
<th>Max. rated load (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 inches (635 mm)</td>
<td>2.6 (12.6 kpa)</td>
<td>10.3 (71.0 kpa)</td>
</tr>
<tr>
<td>30 inches (762 mm)</td>
<td>2.1 (14.8 kpa)</td>
<td>8.4 (57.9 kpa)</td>
</tr>
</tbody>
</table>

### Undercarriage Specifications per pair of trucks

- **Track gauge** 8 ft. 10 inc. (2.650 m)
- **Track length CL to CL** 9 ft. 11 in. (2.975 m)
- **Ground clearance** 28 in. (.462 m)
- **Overall length**
  - lower frame only 15 ft. 1 in. (4.597 m)
  - lower frame and hitch 20 ft. 7 in. (6.261 m)
- **Overall height** 4 ft. 3 in. (1.275 m)
- **Overall width (25 in. belts)** 10 ft. 11 in. (3.275 m)
- **Weight (including upper frame)** 15,000 lbs. (6,820 kg) per pair of tracks.
- **Upper Frame Length**
  - Semi trailer 24 ft. 6 in. (7.350 m)
  - Trailer with dolly 40 ft. 6 in. (12.150 m)