



Challenger Trailer

Mobil-trac Design



Challenger Rubber Track Trailer

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

Belt Width	Empty	Max. rated load
25 inches (635 mm)	2.6 psi (12.6 kpa)	10.3 psi (71.0 kpa)
30 inches (762 mm)	2.1 psi (14.8 kpa)	8.4 psi (57.9 kpa)

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)



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