



**TTMA-100  
 TECHNICAL SPECIFICATIONS**

Trailer:

- Overall Dimensions:
  - Length ..... 23’-6”
  - Width ..... 8’-0”
  - Height (to top of impact head) ..... 31”
  - Height (to top of light bar) ..... 37”
  - Ground Clearance (to bottom of impact head) ..... 13”
  
- Capacity:
  - Trailer Weight (w/o Optional Equipment) ..... 1,450 lb
  - Approximate Tongue Weight (w/o Optional Equipment) ..... 190 lb
  - Minimum support truck weight ..... 10,000 lb
  - Maximum support truck weight ..... Unlimited
  
- Pintle Hook:
  - Hitch ..... Lunette ring with no other structural attachment
  - Capacity Rating (Minimum) ..... 8 tons
  - Mounting Height ..... 19.5”-32.0”
  
- Breakaway Axle:
  - Rating ..... 1,750 lb
  - Tire Size ..... 205/75D15
  - Rim Size ..... 15x5JJ
  - Cold Tire Inflation Pressure ..... 30 psi
  
- Lighting:
  - Lighting ..... Integrated light bar
  - Lighting standard ..... FMVSS 108

Construction:

- Frame ..... Open design
- All energy absorbing components ..... Heavy gage steel
- All structural members in impact system ..... Hot-dipped galvanized
- Axle ..... Mid-mounted breakaway
- Fender ..... Full-fender

Safety Performance:

- NCHRP 350 required tests ..... FHWA approved
- NCHRP 350 optional tests ..... FHWA approved
- Support truck weight - NCHRP Report 350 Tests 3-50 & 3-51 ..... Unlimited
- Support truck weight - NCHRP Report 350 Tests 3-52 & 3-53 ..... Unlimited
- Energy Absorbing System ..... Bursting Tube Technology

Warranty:

- Warranty against defects in material and workmanship ..... One year