

SPECIFICATION 77-0010B

EIDAL TRAILER SPECIFICATION NO. 77-0010B

An Eidal Model 70T General purpose ON/Off Road Transporter for desert transportation of rubber tired equipment, rubber or steel tracked equipment and general cargo.

It is designed especially for the transportation of equipment up to a weight of 70 short tons (140,000 pounds). The trailer is fitted with a full width 13'3" steel deck. Stake pockets are provided for the installation of pipe stakes so that general cargo maximum load 70 short tons (140,000 pounds) may be transported.

Major components, except for tires, brakes, fasteners and bearings are Eidal designed and Eidal Manufactured.

SPECIFICATIONS

A. GENERAL INFORMATION:

Uniform payload capacity:	70 short tons (140,000 lbs) (63,400 kgs)
Length:	36' 5" (ramps in stowed position) appr. (11100mm). 41' 8" (ramps in loading position) appr. (12700mm).
Width:	13' 3" overall (4036mm).
Height of load deck:	64" (laden) (1624mm).
King pin height:	64" (laden) (6477mm).
Load deck length:	19' 3" (6477mm).
Load deck width:	13' 3" (overall) (4036mm) 12' 3" (inside of stake pockets) (3734mm).
Ramp loading angle:	20 degrees maximum.

B. RUNNING GEAR:

Suspension:	Eidal model TW-WB Trunnion type walking beam. Walking beams oscillate front to rear. Axles oscillate side to side providing uniform tire loads.
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Tires	Eight (8) 24 x 21 18 pr sand
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type, with tube and flap (Firestone).

Wheels: Eight (8) Eidal heavy duty steel

Brakes: Eight (8) 16-1/2 x 7 x 3/4 air operated, on each wheel.

Brake Controls: Bendix Westinghouse or equal.

C. FRAMES

Eidal fabricated from ASTM A-572 and ASTM A-36 structural steel.

King pin: Double and SAE J848/J700, 3-1/2"=2" heavy duty, set at 18" (457mm).

Floor: Full width steel tread plate deck with stake pockets and track guide installation holes. Steel bar cleats on rear approach.

Landing Gear: Two (2) speed type with crank on each leg. Each hydraulically folds and locks to rear for storage.

Rear Support Jacks: Incorporated within loading ramps.

Loading Ramps: Two (2) supplied. Two piece heavy duty design with bar cleats. Lateral movement of ramps permit loading of various track width vehicles. Ramps are operated by an air-over-hydraulic system.

Tie Down Points: Four (4) side mounted sets of "D" rings are provided for securing general cargo and four (4) heavy duty tie down points are furnished for securing vehicles loads.

Track Guides: Six (6) removable guides are provided with provisions in the deck for three different track widths to cover a wide range of tracked vehicles.

Tool Box: One (1) lockable tool box.

D. ELECTRICAL

for either 12 volt or 24 volt power source:

- (2) Stop and tail lights
- (2) Turn signals
- (2) Red clearance lights
- (2) Amber clearance lights
- (6) Red reflectors
- (6) amber reflectors
- (2) Caution lights

E. LOOSE EQUIPMENT

- (2) 12' air jumper hoses with connectors
- (1) 12 volt electrical jumper cable with connectors
- (1) Spare tire davit assembly with hoist
- (4) H.D. tie down chains
- (4) Chain tighteners
- (6) Track guides
- (1) Spindle nut sockets w/handle
- (1) Wheel nut sockets w/handle
- (1) 30 Ton hydraulic jack w/handle
- (2) Spare tire carriers
- (2) Spare tires mounted on wheels
- (1) Operation, maintenance and parts manual (English)

F. FINISH

All structural metal surfaces are sand blasted, primed and painted singles color of customer choice.

G. SHIPPING DATA:

Unit is set up on tires with spare tires installed on carriers. Loading ramps removed and banded on deck with all loose equipment stowed in tool box or crated and banded to deck.

Length:	422 inches (10719mm)
Width:	159 inches (4036mm)
Height:	78 inches (1981mm)
Gross Weight:	32,900 pounds (14923 kgs)