



MISSOURI DEPARTMENT OF TRANSPORTATION
MINIMUM 20-TON TILT EQUIPMENT TRAILER

The intent of this specification is to secure a trailer suitable for transportation equipment at over-the-road speeds up to 70 M.P.H. and one that will allow one person to easily load and unload equipment.

MODEL: Minimum 20 ton, 35' long tilt equipment trailer, Dual axle; and a deck rating of 40,000 lbs. 30' main deck length with an 8 degree load angle.

WIDTH: 102 inches.

WINCH: Hydraulic, 12,000 lbs.

WHEELS. / TIRES: (8) 6.75 x 17.5 disc pilot mounted. Tires – (8) 215/75R x 17.5.

PLATFORM: 1 ½ " hardwood oak attached with torx head screws. Steel over wheel area. Hydraulic approach ramp. Two bolt action deck locks.

APPROACH PLATE: 10" Knife edge ¼" steel approach plate. Underride protection to meet Federal and DOT regulations.

LANDING GEAR: Pin drop

SUSPENSION: H-9700 spring. 50,000 lb capacity.

BRAKES: 12-1/4" x 7 ½" with S-cam air auto slack adjusters, ABS, spring brakes and outboard drums.

AXLES: (2) 20,000 lb capacity.

HYDRAULIC KIT: Set to run off the PTO (Wet kit not included).

AIR/ELECTRICAL: ICC DOT sealed lights and reflector kit.

DECK HEIGHT: 37 inches.

MAIN FRAME DESIGN: All high tensile steel I-beam mainframe and crossmembers.

CAPACITY: Minimum 40,000 lbs. payload.

TIE DOWNS: Stakepockets on 2' centers with rub-rail.

SAFETY CHAINS: ½ " with hooks.

TONGUE JACK: 16,000 lb. 2 speed.

CYLINDERS: One tilting cylinder, one sliding cylinder.

PINTLE HITCH: 3" ID adjustable.

LIGHTS: Grote "SuperNova" LED – 10 year warranty.

WIRING HARNESS: Grote "Ultra-Blue seal" – 7 year warranty.

PAINT COLOR: 2-part polyurethane, standard black or white.



MISCELLANEOUS:

All items appearing in Manufacturer's published literature and specifications as standard are assumed to be included in bidders proposal.

The Missouri Department of Transportation Commission reserves the right to waive technicalities and to reject any or all bids and no bid is final until formally accepted by the commission.

******ANY EXCEPTIONS TO THE ABOVE SPECS MUST BE NOTED ON A SEPARATE DOCUMENT******