



****Engineering Specifications****

Model Name: **MHT4872-3G3-H00**
Style: 48' x 8.5" expandable to 72' Modular Home Transporter

DIMENSIONS & WEIGHTS:

• NOMINAL LENGTH:	48'-0"	NOMINAL WIDTH:	8'-5"
• EXTENDED LENGTH:	72'-0"	EXTENDED WIDTH:	14'-0"
• DECK HEIGHT:	32 ½"	WORKING DECK:	40' - 62'
• AXLE SPREAD:	109" (Tri-axle)		
• TARE WEIGHT:	18,200 LBS (+/- 3%)		
• GVWR:	60,000 LBS		

GENERAL SPECIFICATIONS:

1. FABRICATION:

- a. MAIN FRAME: Heavy-duty, perimeter-type frame design utilizing a unique combination of fabricated Boxed beam channels and structural tubing to form a rigid load-bearing platform.
- b. COUPLER: Heavy-duty, forged king pin mounted in a 5 inch high strength steel plate fitted to the Heavy-duty, hydraulically operated power-lift gooseneck assembly.
- c. CROSS/MEM: 3/16" formed steel.

2. STRUCTURAL:

- a. FRAME:
 - i. Main: Front, outside, fabricated tube 13" x 5 5/8 " OD x 5/16" thick
 - ii. Length: 19' with ¼ " spacer plate
 - iii. Main: Rear, fixed tube 12"
 - iv. Front Slider: 12" tube
 - v. Rear Slider: 10" tube
- b. OUTRIGGERS:
 - i. 6" Main Tube
 - ii. 5" Inner tube
 - iii. Pivot Rod- 1 ½ " solid
 - iv. Top & bottom plate – ½ " thick
 - v. Outer Tube- 1 ½ " OD x 6
 - vi. Angle plate
 - vii. 1" all-thread with nut
 - viii. All outrigger trays have spring and chain keepers
- c. LANDING GEAR:
 - i. High strength tubular steel, manually operated, Drop leg, pin, sand shoe.
 - ii. Inner tube: 3"
 - iii. Outer tube: 3 ½ "
- d. 5th WHEEL CONNECTOR:
 - i. Swivel King Pin
 - ii. Greasable Pivot
 - iii. 6'-4" length, 8' width
 - iv. Deck-1/8" tread
 - v. Side structure- 12"
 - vi. Side Plates -1/4"
 - vii. Front Cross-12" channel
 - viii. Verticals- 12"

****For pricing & ordering information please feel free to contact us****



- ix. Wiring in hat section
 - e. SLIDING LOCK MECHANISM:
 - i. Air cylinder with lock.
 - ii. Locks in, Air retract.
 - f. SUSPENSION: Hutch H-9700 tri-Axle with 363-00 single leaf springs, suspension components mounted to an articulating box assembly fabricated from 12" structural tubing.
3. AXLES:
- i. 77 1/2" Track, 1/2" Wall, 5" Round axle with a 22,000 lbs rating.
 - ii. Air Tanks: (2) 9-1/2" Dia, (1) 12" Dia.
 - iii. 2S/1M ABS System.
 - iv. 30/30 brake chambers (2), 30 Air chamber on last axle.
 - v. Automatic slack Adjusters.
 - vi. Oil Bath Bearings
4. WHEELS: 6.75" x 17.5" 10-hole disc, hub piloted steel wheel.
5. HUB & DRUMS: Cast Hubs and Steel Drums, 10-hole hub piloted, single nut.
6. ELEC/LIGHTS:
- i. Phillips 48ft 12ga w/ molded plug connectors.
 - ii. Phillips 7 way receptacle plug w. Split prongs.
 - iii. Truck-lite lamps with sealed grommets.
7. PAINT: Urethane finish Top-coat/Color: Red
8. TIRES: 215/75R17.5 Load Range G, Weight Capacity: 4540 lbs (Dual).
9. HYDRAULICS: 12-Volt dual pump electro-hydraulic power pack system. Operating at 2,500 psi, heavy duty lift cylinders (4" bore x 12" stroke). Two mounted on the power-lift gooseneck and four mounted on the suspension powerlift hoses and fittings utilized throughout the system.
10. CERTIFICATION: Certified as a special use trailer complying with all US DOT regulations as specified in CFR 49, FMVSS 108 & 121 unless otherwise specified.
11. MISC:
- i. 2" Reflective material, full width at rear. 50% along closed trailer side,
 - ii. Storage Track: Air hose & electrical, expandable gator track with 11 gauge slide pan
 - iii. Storage box: (3) Two in rear of the trailer, One in front.
 - iv. Wheel Fenders: Tread plate
 - v. Hole Protection: All holes with electric or airlines have grommets
 - vi. Mud-flaps: (2) 24" x 12"
12. OPTIONS:
- i. Spare Tire Carrier (OP_MHT_MI_001)
 - ii. **PLEASE CALL FOR OTHER OPTIONS**

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