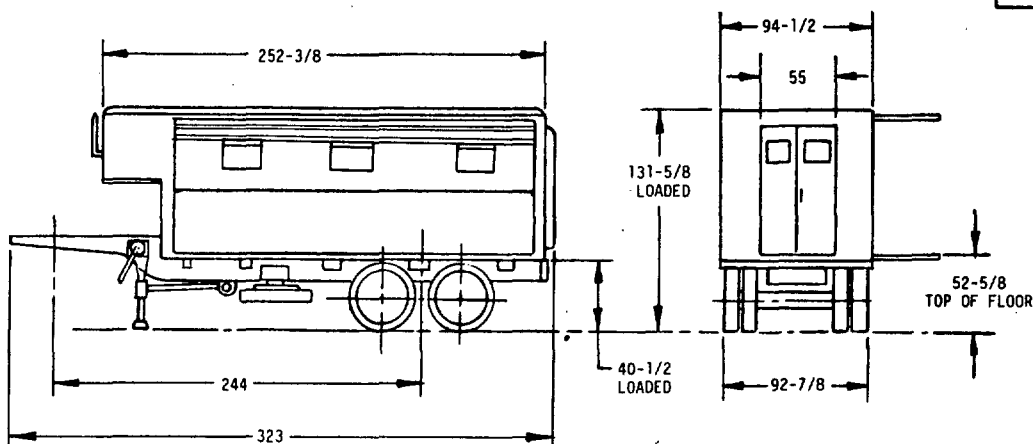


FED. SUP CLASS
2330

VEHICLE CHARACTERISTICS

PRIME MOVER:
TRUCK TRACTOR, 5 TON, 6 X 6 M52 OR M818

CURB WEIGHT: 13080 LBS

WEIGHT DISTRIBUTION:

KING PIN 3785 LBS
AXLE 9295 LBS
GVW 13,080 LBS

MAXIMUM WEIGHT: INCLUDING BODY AND WITH
PAYLOAD EVENLY DISTRIBUTED.

LOADED
PAYLOAD 12,000
KING PIN 7359
AXLE 17721
TOTAL 25980 LBS

(REFERENCED WEIGHTS ARE FOR INFORMATION
ONLY)

GENERAL:

THE M447 SEMITRAILER IS DESIGNED TO
HOUSE MAINTENANCE SHOP SETS, TOOLS,
OR OTHER SUPPLIES USED TO MAINTAIN AND
REPAIR MILITARY EQUIPMENT IN THE FIELD.
IT HAS FOLDING SIDE VAN BODY MOUNTED
ON THE M295A1 CHASSIS- MS53020. THE BODY
FRAMING HAS AN INSULATED STEEL STRUCTURE
WITH ALUMINUM SKINS ON THE OUTSIDE AND
ALUMINUM CLAD PLYWOOD PANELS ON THE
INSIDE. INTERFACE PROVISIONS ARE PROVIDED
FOR TWO 60,000 BTU MULTIFUEL LOCATED IN THE
FRONT BONNET WHICH EXTENDS OVER THE STORAGE
COMPARTMENT. AN ALUMINUM EXTRUSION BOARD
FLOOR, COVERED WITH NONSKID PAINT, PROVIDES
HEAT DUCTS IN THE VAN BODY FLOOR AND LOWER
SIDE DOORS. THIS CONFIGURATION PROVIDES A
HOT AIR HEATING SYSTEM. PROTECTION FROM
THE WEATHER IS ACHIEVED WHEN WEATHER PROOF
CANVAS SIDE CURTAINS ARE ATTACHED IN THE
EXPANDED PANEL POSITION. THE VAN BODY
EXPANDS TO APPROXIMATELY TWICE THE VOLUME
IT ENCLOSES WHEN RETRACTED. IT IS EQUIPPED
WITH ELECTRIC LIGHTS AND RECEPTACLES,
STABILIZING JACKS, AND ALUMINUM LADDERS.

KING PIN:
2 INCH DIA MS53036-1

NOTES:

1. DIMENSIONS ARE IN INCHES AND ARE SHOWN FOR ENGINEERING REFERENCE ONLY.
2. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR B/D.
3. THIS VEHICLE SHALL BE IN ACCORDANCE WITH REFERENCED ENGINEERING DRAWINGS, COPIES OF WHICH MAY BE OBTAINED FROM: US ARMY TANK-AUTOMOTIVE COMMAND, WARREN, MICH. 48090.

(B) ENTIRE STANDARD REVISED

ELECTRICAL SYSTEM: INST'N 8758754
POTENTIAL, 24 VOLTS
60,000 BTU HEATING UNIT, 2
POWER CABLE REEL ASSY. 7045796

REFLECTORS: 4, RED, MS35387-1
4, AMBER MS35387-2

VEHICLE ASSEMBLY: INST'N 8736226

CHASSIS ASSEMBLY: 8358987

PINTLE: MS51335-2

AXLE: 2, 8758911

SPRINGS: 2, MAIN 7368629
2, HELPER, 8758890

WHEELS: DUAL, MS53044-5
SIZE, 7-1/2 X 20

TIRES: 9 X 20 8 PLY, MS35388-16
TREAD, DESIGN-NDCC
TUBE, MS35392-13

BRAKES: AIR/HYDRAULIC
SIZE, 15 X 3-11/32
BRAKE ASSY L H 8336701
BRAKE ASSY R H 8336702
EMERGENCY RELAY VALVE, MS53004-1
AIR RESERVOIR 7411078

MAXIMUM TOWING SPEEDS:
LOADED 20 MPH
HIGHWAY 50 MPH

CHOCK BLOCKS: 2, 10869550

LEVELING JACKS: 2, 7534672

LANDING GEAR: 11681520
ACTUATION, 2 SPEED, MANUALLY OPERATED,
STROKE FULLY EXTENDED 25 INCHES

FORDING DEPTH: 44 INCHES

This military standard is approved for use by the US Army Tank-Automotive
Command, Department of the Army, and is available for use by all Departments
and Agencies of the Department of Defense.

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

P.A. ARMY-AT
Other Cust

TITLE

"SEMITRAILER," VAN. SHOP, FOLDING SIDES,
6 TON, 4 WHEEL, M447

PROCUREMENT SPECIFICATION
MIL-S-62049

SUPERSEDES:

MS PART NO. ENGINEERING
MS500033-1 DWG NO. 8736226

MILITARY STANDARD

MS500035(AT)

SHEET | OF |