



INTERNATIONAL
AUTOMATED
SYSTEMS



ALUMMC

Aviation Light Utility Mobile
Maintenance Cart



ALUMMC

Features:

Engine Specifications

Make 3TNV70
 Type Diesel
 Displacement 854 cc
 Cylinders 3
 Oil Filter Spin On Filter
 Air Cleaner Dual Element, Replaceable
 Cooling Liquid

Drive Train

Type Continuously Variable Transmission
 (CVT) with Clutch Enclosure
 Gear Ranges Forward HI and LO - Neutral - Reverse
 Travel Speeds:
 Forward HI 40 km/h (25 mph)
 Forward LO 11.3 km/h (7 mph)
 Reverse 16.1 km/h (10 mph)

Electrical System

Type 12 Volt
 Battery Size 480 Cold Cranking Amps @ -18° C (0° F)
 Alternator 55 Amp

Fuel System

Fuel Filter Replaceable Element
 Fuel Diesel

Fluid Capacities

Fuel Tank 26.5 L (7.0 gal)
 Crankcase (with filter) 1.7 L (1.8 qt)
 4WD Front Differential 0.59 L (19.6 oz)
 Transaxle 3.8 L (4.0 qt)
 Cooling System (including recovery tank) 5.0 L (5.2 qt)
 Brake 237 ML (8 oz)

Steering and Brakes

Steering Rack and Pinion
 Brakes Hydraulic Disc

Tires

NOTE: Tire load conditions are not to exceed Gross Vehicle Weight Rating (GVWR).

Front and Rear Tires

Maxxis Bighorn 2.0 26x10-12
 Load Capacity 427 kg (1041 lb.)
 Inflation Pressure 165 kPa (24 psi)

Dimensions

Width (overall) 1575 mm (62 in.)
 Length (with bumper) 3048 mm (120 in.)
 Height 1911 mm (75.0 in.)
 Ground Clearance 279 mm (11.0 in.)

Hitch

Front Standard 2 in Receiver
 Rear Standard 2 in Receiver

Cargo Bed

Material Aluminum
 Width (overall) 1422 mm (56 in.)
 Length (with lift/tie down provisions) 1194 mm (47 in.)
 Height 102 mm (4.0 in.)
 Weight (Bed, cargo tie downs, lift/tie down provision) 75 kg (165 lbs)

Weights and Capacities

Weight (Empty vehicle with full fluids) 936 kg (2063 lb.)
 Gross Vehicle Weight Rating (GVWR) 1517 kg (3344 lb.)
 Payload Capacity 635 kg (1400 lb.)
 Cargo Bed Capacity (Not to exceed GVWR) 454 kg (1000 lb.)
 Towing Capacity (Not to exceed GVWR) 907 kg (2000 lb.)

Recommended Lubricants

Engine Oil Amsoil SAE SW-30 Synthetic Motor Oil
 Grease Multi-Purpose HD Lithium Complex Grease
 Transmission Oil (Transaxle) Amsoil SAE 5W-30
 Synthetic Tractor Hydraulic Transmission Oil
 Transmission Oil (4WD Front Differential) Amsoil SAE
 5W-30 Synthetic Tractor Hydraulic Transmission Oil

The ALUMMC is a Program of Record with the Army PM AGSE.

NSN 1740-01-632-9476

(Tested to meet or exceed MIL-STD209K. Configured with MIL-STD209K cargo tie downs and lift and tie down provisions.)

Warranty 24 months or 2,000 hours

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