Law Enforcement & Security Special Application Vehicles

MACH-1S4LE

MACH-1XLLE

MACH-1SEC
Law Enforcement & Security Vehicle Features

Available in Gas or Diesel versions

Engine Specifications:

Type .......................................................Gas or Diesel (JP8)
Displacement ..............................................812 cc / 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 ..............................................Gas 44 mph / Diesel 32 mph
Forward LO ..............................................Gas 27 mph / Diesel 15 mph
Reverse ..................................................Gas 30 mph / Diesel 17 mph

Electrical System
Type ..........................................................12 Volt
Battery Size ............................................480 Cold Cranking Amps @ -18° C (0° F)
Alternator ..................................................85 amp / 55 Amp

Fuel System
Fuel Filter ..................................................Replaceable Element
Fuel ..........................................................Gas or Diesel (JP8)

Fluid Capacities
Fuel Tank ..................................................7.3 gal
Crankcase (with filter) ....................................2.3 qt / 1.8 qt
4WD Front Differential ...................................19.6 oz
Transaxle ...................................................4.0 qt
Cooling System (including recovery tank) ...............5.2 qt
Brake ..........................................................8.0 oz

Steering and Brakes
Steering ..................................................Rack and Pinion with Power Steering
Brakes ..........................................................Hydraulic Disc

Tires
NOTE: Tire load conditions are not to exceed Gross Vehicle Weight Rating (GVWR). Other tire/wheel options available.
Front and Rear Tires ..................General Grabber ATX, Maxxis Big Horn, Ultra-Cross R-Spec

Dimensions
Width (overall) ...........................................62 in
Length (with bumper) ..............................Standard 118 in / XL 154 in
Height .........................................................75.0 in
Ground Clearance ......................................11.0 in

Hitch
Front ..........................................................Standard 2 in Receiver
Rear ..........................................................Standard 2 in Receiver

Cargo Bed
Material ...................................................Aluminum
Width (overall) ............................................56 in
Length .......................................................Standard 46 in / XL 82 in
Height ..........................................................4.0 in
Weight (Bed, cargo tie downs, lift/tie down provision) ...........234 lbs

Weights and Capacities
Weight (Empty vehicle with full fluids) ......................2063 lb
Gross Vehicle Weight Rating (GVWR) ......................3400 lb
Payload Capacity .......................................1400 lb
Cargo Bed Capacity (Not to exceed GVWR) ...............1000 lb
Towing Capacity (Not to exceed GVWR) ...................2000 lb

Recommended Lubricants
Engine Oil ...........................................John Deere PLUS-50™, Torq-Gard Supreme™
Gear ................................................................Multi-PurposeHD Lithium Complex Grease
Transmission Oil (Transaxle) ...........John Deere HY-GARD™ (JDM J20C)
Transmission Oil (4WD Front Differential) .......John Deere HY-GARD™

Options:
All vehicles are available in a gas or diesel version
Heat and Air Conditioning available on all Cab models
Colors: White, Black, Red & Blue

Contact IAS with any specific requirements........

Contact Mitch Fincher at 919-744-7355 or mitch@iasmn.com for additional information

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