FAT TRUCK[®] 8X8 SEARCH & RESCUE - ARCTIC





Zeal Motor Inc.

101, rue de la Production Cowansville, Quebec, Canada J2K 5H5 579.319.0060 sales@zealmotor.com

WWW.FATTRUCK.COM

FAT TRUCK[®] 8X8 SEARCH & RESCUE - ARCTIC

ENGINE

Emission standards

Make

Model

111 in (2794 mm)

325 in (8255 mm)

100 in (2540 mm)

25 in (635 mm)

Microprocessor

Rugged touch screen

Joystick

12 V or 24V

2 x 930 CCA

100 A



SPECIFICATIONS

PERFORMANCE

Payload Front Car	1000 lb (452 kg)
Payload Rear Car	2500 lb (1134 kg)
Passengers	8 (4 front + 2 rear + 2 patients)
Maximum speed on land	25 mph (40 km/h)
Maximum speed on water	3.1 mph (5 km/h)
Maximum uphill & downhill	35°/ 70%
Maximum sidehill	22°/ 40%
Turning radius	24 ft (7.3 m)
Basic vehicle weight	14 500 lb (6577 kg)
Ground pressure loaded	1.9 psi (0.13 bar)
SAFETY FEATURES	
ROPS	ISO 3471
Brakes	Automatic safety brake
Electronic inclinometer with alarm	

Backup alarm DIMENSIONS

Height **Overall length** Width

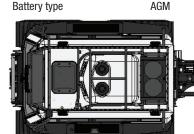
Ground clearance CONTROLS

Controller Steering

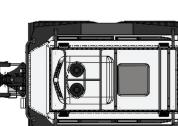
Display

ELECTRICAL

Voltage Alternator capacity Battery capacity Battery type



© 2024, ZEAL MOTOR INC., All right reserved.



Number of cylinders	4 cylinders
Displacement	232 in ³ (3.8 L)
Horsepower @ 2500 RPM	173 HP (129 kw) or 170 HP (127 kw)
Torque @ 1500 RPM	457 lb-ft (620 N-m) or 459 lb-ft (622 N-m)
Cooling System	Liquid cooled
FUEL SYSTEM	
Capacity	45 US Gal (170 L)
Driving range	186 miles (300 km)
Average fuel autonomy	12 h

POWERTRAIN

Urea tank

Final drive

BRAKES

Park brakes

TIRES

Brakes

Туре

Hydrostatic 8 x Hydrostatic motors

1640 x 640 x 610

Cummins

or Tier3

F3.8 Turbo diesel DEF

EPA Tier 4 final

or QSB4.5 Turbo diesel NO DEF

Positive deceleration through hydrostatic transmission Brake disc applied pressure released

0.5 to 6 PSI (0.07 to 0.41 bar)

Presets and variable pressure control

8.33 US gal (31.5 L) or N/A

Front & Rear Pressure Pressure control Wheel pods[™]



TOW PACKAGE & RECOVERY

Front bumper w/ intregrated winch Rear hitch receiver with harness Chassis built-in anchors w/ redundency Rear winch connectors High speed towing package

MISSION READY

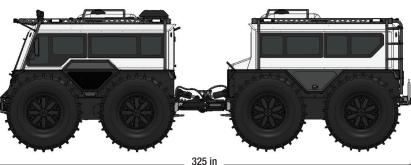
Blackout mode Mechanical compass Additionnal battery Rear door stopper Communication ready package Easy access battery lugs Keyless doors & fuel cap Bilge pump switch 2x Medical stretchers w/ lift

STORAGE & GEAR

Heavy duty airline-style L-track Overhead and sides net storage Roof rack with ladder

VISIBILITY

4 x corner led beacon lights 360° camera with recorder 360° LED bar lighting Directional light with remote control Roof hatches



8255 mm

ARCTIC PACKAGE

Engine and hydraulic tank heater 110V Auxiliary heater Arctic webasto cabin heater Arctic webasto engine & fluids heater Engine bay airflow control 4x ventilation fans Air conditionning Heated side mirrors Arctic Oil ISO 22 Studded tires

WARRANTY

Limited 1 year / 1000 hours (Which ever comes first)