# FAT TRUCK<sup>®</sup> 8X8 SEARCH & RESCUE - ARCTIC





#### Zeal Motor Inc.

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# FAT TRUCK<sup>®</sup> 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

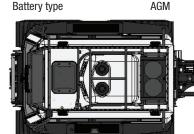
# Ground clearance CONTROLS

Controller Steering

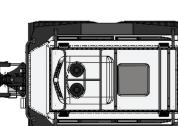
Display

#### **ELECTRICAL**

Voltage Alternator capacity Battery capacity Battery type



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Number of cylinders	4 cylinders
Displacement	232 in <sup>3</sup> (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<sup>™</sup>



# **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**

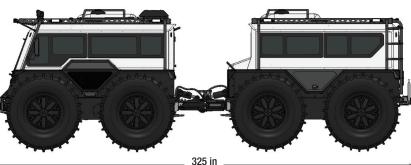
Blackout mode Mechanical compass Additionnal battery Rear door stopper Communication ready package Easy access battery lugs Keyless doors & fuel cap Bilge pump switch 2x Medical stretchers w/ lift

#### **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)