

# FAT TRUCK® 8X8 SEARCH & RESCUE - ARCTIC

**FAT TRUCK**  
DEFENSE



**Zeal Motor Inc.**

101, rue de la Production  
Cowansville, Quebec, Canada J2K 5H5

579.319.0060

sales@zealmotor.com

[WWW.FATTRUCK.COM](http://WWW.FATTRUCK.COM)



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## SPECIFICATIONS

PERFORMANCE		FUEL SYSTEM		MISSION READY		ARCTIC PACKAGE	
Payload Front Car	1000 lb (452 kg)	Capacity	45 US Gal (170 L)	Blackout mode		Engine and hydraulic tank heater 110V	
Payload Rear Car	2500 lb (1134 kg)	Average fuel autonomy	186 miles (300 km) / 12 h	Mechanical compass		Auxiliary heater (6,000 BTU)	
Passengers	8 (4 front + 2 rear + 2 patients)	Urea tank	8.33 US gal (31.5 L)	Additional battery		Cab heaters 20°C @ -46° ambient	
Maximum speed on land	25 mph (40 km/h) or 31 mph (50 km/h)	POWERTRAIN		Rear door stopper		Front car 2x 18,770 BTU	
Maximum speed on water	3.1 mph (5 km/h)	Type	Hydrostatic	Communication ready package		Rear car 2x 18,770 BTU	
Maximum uphill & downhill	35° / 70%	Final drive	8 x Hydrostatic motors	Easy access battery lugs		Webasto engine & fluids heater (31,000 BTU)	
Maximum sidehill	22° / 40%	BRAKES		Keyless doors & fuel cap		Engine bay covers	
Turning radius	24 ft (7.3 m)	Brakes	Positive deceleration through hydrostatic transmission	Bilge pump switch		4x ventilation fans	
Basic vehicle weight	14 500 lb (6577 kg)	Park brakes	Brake disc applied pressure released	2x Medical stretchers w/ lift		Air conditioning	
Ground pressure loaded	1.9 psi (0.13 bar)	ELECTRICAL		STORAGE & GEAR		Heated side mirrors	
Towing payload on trailer at GVWR	2,200 lb (998 kg)	Voltage	12 V or 24 V	Heavy duty airline-style L-track		Arctic Oil ISO 22	
Operating temperature	-46° to 20° Celsius	Alternator capacity	100 A	Overhead net & sides storage		Studded tires	
DIMENSIONS		Battery capacity	2 x 930 CCA	Roof rack with ladder		TOW PACKAGE & RECOVERY	
Height	111 in (2794 mm)	Battery type	AGM			Front bumper w/ integrated winch	
Overall length	325 in (8255 mm)	TIRES		VISIBILITY		12,000 lbs / 5443 kg	
Width	100 in (2540 mm)	Front & Rear	1640 x 640 x 610	4 x corner led beacon lights		Rear hitch receiver with harness	
Ground clearance	25 in (635 mm)	Pressure	0.5 to 6 psi (0.07 to 0.41 bar)	360° camera with recorder		Chassis built-in anchors w/ redundancy	
SAFETY FEATURES		Pressure control	Presets and variable pressure control	360° LED bar lighting		Rear winch connectors	
ROPS	ISO 3471	Wheel pods™		Directional light with remote control		High speed towing package	
Brakes	Automatic safety brake	WARRANTY		Roof hatches			
Electronic inclinometer with alarm		Limited 1 year / 1000 hours (Which ever comes first)		ENGINE		DEF	
Backup alarm		OPTION		Make	Cummins	NO DEF	NO DEF/Highspeed
CONTROLS		Rear car disconnect		Model	F3.8 Turbo diesel	NO DEF	NO DEF/Highspeed
Controller	Microprocessor			Emission standards	EPA Tier 4 final	Cummins	Deutz
Steering	Joystick			Number of cylinders	4 cylinders	QSB4.5 Turbo diesel	TCD 5.2 Turbo diesel
Display	Rugged touch screen			Displacement	232 in³ (3.8 L)	Tier3	EDG

