

Delta 3



General Description

The Delta 3 is a three axle, all wheel drive, terra-tired transporter. Utilizing proven powertrain components and heavy duty center frame steering, this high floatation vehicle provides economic transportation of payloads up to 15 tons in marginal terrain conditions. The Delta 3 provides superior "off road" mobility and it can be readily adapted for all chassis mounted equipment. It is the ideal drive mover for logistical support of remote drilling operations, pipeline construction or other specialized projects in problem terrain.

Engine

Cat 3116 DIT, 200 HP (149 kW) @ 2400 RPM c/w full range governor and electric shut down.

Transmission

Clark HR 28420 and Clark converter. Full powershift with bi-directional PTO. Direct drive hydraulic steering pump. Spicer 1550 series drivelines.

Steering

Articulated frame for steering, with self-aligning bushings. Steering wheel controlled.

Brakes

Parking: Internal transmission brake
Service: Totally enclosed wet disc brakes, hydraulic applied on all wheels.

Tires and Wheels

Goodyear Super Terra Grip, 66 X 43.00 X 25-10 PR, tubeless. Disc type wheels. Optional 16 ply tundra grip tires.

Differential

Rockwell SPRC671 planetary drive. Metal face seals on planet hubs. C/W standard spiders and wet disc brakes.

FOREMOST

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Suspension

Front suspension consists of semi-elliptical, multi-leaf springs, full floating and stabilized by torque arms. Rear suspension is Hendrickson R460 series walking beam with rubber bushings, 44,000 lbs (20,000 kg) rated capacity, 72 in (1830 mm) beams.

Cab

4 man, cab-forward design with heavy steel exterior, fully insulated and lined. Heavy duty two speed windshield wipers. Bostrom Viking T-Bar driver's seat. Escape hatch. Full instrumentation: engine water temperature and engine oil pressure gauges, voltmeter, transmission oil temperature and transmission oil pressure gauges, tachometer/hourmeter speedometer/odometer, air pressure gauge and fuel gauge.

Frame

Heat treated, high strength alloy steel channel rails. Frame articulated joint with self-aligning ball bushings. Bolted construction.

Electrical

Two batteries, Delco 1151 (580 CCA). Heavy duty wiring for all-weather operation. Alternator is 100 amp, 12 volt.

Ground Pressure*			
Load		Pressure	
Tons	Tonnes	PSI	kg/cm ²
0	0	8	.56
5	4.5	11	.77
10	9.1	13	.91
15	13.6	16	1.12

Air Cleaner

Heavy duty dry type, with replaceable element.

Gradeability

Side 30% Max. Forward 50% Max

Fuel Capacity

Two fuel tanks with a total capacity of 132 U.S. gallons (500 litres).

Performance

Turning radius	26 ft	(7.92 m)
Maximum speed	23.7 mph	(38.1 km/h)
Fording depth	4 ft 6 in	(1.37 m)
Ground clearance	20.5 in	(521 mm)

Weights*

Tare	29,300 lbs	(13,300 kg)
Payload	30,000 lbs	(13,600 kg)
G.V.W.	59,300 lbs	(26,900 kg)

* Excluding Options

Dimensions

Length

4 man cab 38 ft 5 in (11.71 m)

Width

Overall 10 ft 8.5 in (3.27 m)

Height

Overall 10 ft 6 in (3.20 m)
Rear of frame 4 ft 10 in (1.48 m)

Optional Deck (Cargo or Oilfield)

Length 20 ft 0 in (6.10 m)
Width 8 ft (2.44 m)

Gauge 7 ft 2.5 in (2.20 m)
Wheelbase 21 ft 4 in (6.50 m)
Tandem spacing 6 ft (1.83 m)

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Unless otherwise stated, specifications are for a standard unit and are subject to change without notice. Performance specifications are theoretical maximums and do not include mechanical or other efficiency losses. Actual performance may vary.