

Commander-C



General Description

The Commander incorporates Foremost's latest design features for improved performance and mobility in marginal terrain conditions. The Commander is widely used in the petroleum industry as well as other resource industries for heavy hauling across soft ground, mud sand and snow. For oilfield hauling, the Commander is available with a heavy duty oilfield deck, winch and live roll.

Engine

Caterpillar 3406, 400 HP @ 2100 RPM. Also features automatic engine shut-down and variable-speed governor.

Transmission

Clark 5000 series and Clark 8000 series converter with mechanical lock-up. Spicer 1710 and 1810 prop shafts.

Differential

Rockwell SPRC-4026 planetary axles with "No-Spins". Metal face seals on planet hubs.

Steering

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

Brakes

Service brakes are air applied drum brakes on all wheels. Fail-safe parking brakes on rear two axles. Optional fully enclosed wetdisc brakes.

Tires and Wheels

Goodyear Super Terra Grip, 66 X 43.00 X 25-20 Pr, tubeless. Wheels are five piece earthmover type rim.

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Suspension

Front suspension consists of semi-elliptical, multi-leaf springs, full floating, stabilized by three torque arms. Rear suspension is Hendrickson R850 series walking beam with rubber bushings; 85,000 lbs (38,550 kg) rated capacity, 72 in (1830 mm) beams.

Cab

Foremost V2000 series: 3 man cab-forward design. Heavy steel exterior, fully insulated walls and roof. Escape hatch. Full slider rear window. High capacity heaters and defrosters. Heavy duty two speed windshield wipers. Full instrumentation: engine water temperature and engine oil pressure gauges, ammeter, transmission oil temperature and pressure gauges, tachometer (converter), tachometer/hourmeter (engine), speedometer/odometer, air pressure gauge, fuel gauge.

Frame

Welded alloy steel, wide flange construction. Frame articulated joint with self-aligning bushings.

Electrical

Two 12 volt maintenance free batteries. Heavy duty fabric covered wiring for all-weather operation. Alternator is 100 amp, 12 volt.

Ground Pressure*

Load		Pressure	
Tons	Tonnes	PSI	kg/cm ²
0	0	10	0.74
10	9.1	13	0.93
20	18.1	15	1.12
30	27.2	18	1.31

* Based on unit equipped with deck, live roll and winch.

Air Cleaner

Donaldson heavy duty, dry type (2) with service indicator.

Gradeability

Side 30% Max. Forward 50%

Fuel Capacity

Two fuel tanks: 180 U.S. gallons (687 litres) each.

Performance

Turning radius	45 ft	(13.7 m)
Maximum speed	21.9 mph	(35.3 km/h)
Fording depth	5 ft 5 in	(1.65 m)
Ground clearance	19 in	(483 mm)

Weights*

Tare	65,000 lbs	(29,500 kg)
Payload	60,000 lbs	(27,200 kg)
G.V.W.	125,000 lbs	(56,700 kg)

* Excluding options and deck

Dimensions

Length - Overall	49 ft 10.5 in	(15.20 m)
Width - Overall*	11 ft	(3.36 m)
Height - Overall	11 ft 7 in	(3.54 m)

* Excluding tires

Optional Deck (Oilfield)

Length	31 ft 5.5 in	(9.14 m)
Width	9 ft 3.5 in	(2.84 m)
Live roll height	6 ft 4.5 in	(1.95 m)

Gauge	8 ft 0 in	(2.44 m)
Wheelbase	26 ft 8 in	(8.13 m)
Tandem Spacing	6 ft 0 in	(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.