

# Commander-C



## General Description

The Commander C incorporates Foremost's latest design features for improved performance and mobility in marginal terrain conditions. The Commander C has been long recognized by the petroleum industry as the benchmark for moving oilfield equipment with minimal environmental impact. With its longer deck, it allows for heavy hauling across soft ground, mud, sand and snow.

For oilfield hauling the Commander C is equipped with a heavy duty oilfield deck, main deck winch, gin poles, midship and rear live rolls, front push bar, and hydraulically controlled rear push bar. Cameras are located to observe the bed loading from the rear of the unit.

## Engine

EPA Certified Cummins QSX-15 Tier III 485 HP @ 2100 RPM with Electronic control and Cummins engine brake. Roda Decca rig saver.

## Transmission

Clark 8000 series converter with mechanical lock-up. Clark 8000 series Powershift transmission. Spicer 1710 and 1810 Prop shafts.

## Differential

Axle-Tech planetary axles with "No-Spins". Metal face seals on planetary hubs. Wet disc brakes on all axles.

## Steering

Articulated center frame hinge with self aligning bushings, hydraulically controlled from steering orbital.

## Tires and Wheels

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

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## Brakes

Service: Totally enclosed wet disc brakes.

Parking: Fail safe pinion disc parking brake located on front axle of rear tandem. Drum brake located on drive line hanger bearing.

Winching application - Hand controlled to wet disc axle service brakes.

## 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. Electric door windows. 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, hydraulic temperature gauge.

## Fuel Capacity

Two fuel tanks: 200 U.S. gallons (756 litres) each.

Ground Pressure*			
Load		Pressure	
Tons	Tonnes	PSI	kg/cm <sup>2</sup>
0	0	18.3	1.28
10	9.1	22.6	1.58
20	18.1	27.2	1.12
30	27.2	31.8	2.16

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

## Frame

Articulated design of welded alloy steel and wide flange construction.

## Electrical

Two 12 volt maintenance free batteries. Heavy duty fabric covered wiring for all-weather operation. Alternator is 130 amp, 12 volt.

## Gradeability

Side 30% Max. Forward 50%

## Performance

Turning radius	48 ft	(14.63 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	78,000 lbs	(35,380 kg)
Payload	60,000 lbs	(27,216 kg)
G.V.W.	138,000 lbs	(62,596 kg)

\* Excluding options

## Dimensions

Length - Overall	51 ft 8 in	(15.75 m)
Width - Overall	11 ft	(3.36 m)
Width at tires oilfield offset	11 ft 6 in	(3.51 m)
Height - Overall	12 ft 3 in	(3.73 m)
Height to AC	13 ft	(3.96 m)

## Optional Deck (Oilfield)

Length	31 ft 8 in	(9.65 m)
Width	9 ft 3.5 in	(2.83 m)
Live roll height	6 ft 4.5 in	(1.94 m)

Gauge	8 ft 0 in	(2.44 m)
Wheelbase	28 ft 8 in	(8.74 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.