

Drive Train:

Engine Power transmitted through a torque converter and transmission to axle differentials and planetary axle hubs.

Engine:

Cummins QSC 8.3 U.S. EP Tier III (electronic)
300H.P. @ 2200 RPM

Transmission and Torque Converter:

John Deere - Funk, four speeds forward and reverse both on rail and on road movement

Axles:

Axle Tech PSC 826 Heavy Duty Planetary drive steer axle on front with PRLC Heavy Duty Planetary rigid rear axle

Frame:

6" welded steel plate

Vehicle Brakes:

Air over hydraulic actuated high pressure ABS disk brakes with Haldex pressure converter (master cylinder) front and rear

Train Air Brakes:

75cfm compressor with 30 gallon air tank

Rail Wheels:

24-3/4" (629mm) heat treated cast steel

Tires & Rims:

14.00R24 E2A Tube Type

Electrical System:

12 Volt DC 160 amp alternator with Dual 950 CCA Batteries.

Hydraulic System:

Constant pressure hydraulic system with 5 gallon accumulator back up

Couplers:

Hydraulically positioned sliding (AAR) direct non-weight transfer type couplers on each end

Operator's Cab:

Sound insulated full width 120" wide, 60" deep 72" ceiling height cab with 2 air-ride 4 way positionable operator seats on either side of cab. 180 degree rotating operator's console with color digital display.

Warning and Safety Devices:

Width: 120" / 3048mm

Length (to end of couplers): 260" / 6604mm

Wheel Base: 98" / 2489mm

Weight: 73,000 lbs / 33,112 kgs

Performance:

Forward and reverse for both road and rail

First Gear:

0-2 mph / 0-3 kph

Second Gear:

0-5 mph / 0-8 kph

Third Gear:

0-9 mph / 0-14 kph

Fourth Gear:

0-18 mph / 0-29 kph

Standard Features:

ABS vehicle brakes

Anti-slip traction control (on-rail operations)

Can-Bus electrical system

50 gallon hydraulic reservoir

90 gallon fuel tank

Three 12 volt power receptacles in cab

Tinted cabin glass

Door mounted windshield wipers

Non-slip diamond pattern cushioned floor mat

White and red dome light

Two map spotlights

Engine diagnostics adapter in console

Optional features:

Radio remote control

Wheel flange lubricators

Air conditioning

V blade snow plw

Engine oil pan, transmission oil and hydraulic reservoir heaters

Cold weather starting package

Cab controlled exterior spotlights

Switchman emergency shutdown

Sanders:

Eight air operated, electronically controlled

Note: Actual drawbar pull obtained varies with rail and weather conditions. Dimensions and