



SHUTTLEWAGON.

Model SWX415Be

Specifications

Draw Bar Pull:	26,750 lbs. (118,770 N)	
Engines:	Cummins QSB 5.9 (electronic) Torque: 548 @ 1400 RPM / (743 N-m) H.P. 185 @ 2400 RPM / (138 kW)	Caterpillar 3126B (electronic) Torque: 501 @ 1500 RPM / (679 N-m) H.P. 175 @ 2500 RPM / (131 kW) (Engine block heater standard)
Cooling:	Radiator with charge air cooling.	
Transmission:	John Deere/Funk, bump-to-shift, constant mesh spur gearing 4 speed computer controlled, (forward and reverse) for both road and rail, equipped with torque converter. Shift protection (downshift and forward/reverse). Front axle disconnect for road travel. Gear & diagnostic LCD indicator.	
Axles:	Two off-highway planetary drive axles. No spin differential front and rear. Steer axle disconnect for road travel.	
Brakes:	Service:	Four wheel disc brakes. Cast iron disc. Air- over-oil actuation from dual controlled operator's station.
	Parking:	Internal running in oil disc brake. Parking brake indicator light in cab.
	Rail Car:	AAR Air connection for rail car brake system; cab mounted control valve, with two compressors developing a total of 50 CFM (85 m ³ /hr).
Rail Equipment:	24-3/4" (629 mm) diameter rail guide wheels. AAR standard 56.5" (1435 mm) rail gauge, mounted to frame. Control of guide wheels is from four hydraulic cylinders, controlled from the cab. Rail suspension and vehicle suspension are independent, allowing ample travel for adverse track conditions and providing smooth, quiet ride.	
Coupler:	Dual rail couplers (AAR) with automatic latch, air-operated unlatch, hydraulically positioned, controlled from cab. Non-weight transfer design w/coupler buffer system to reduce shock to car mover during coupling operation.	
Hydraulic System:	Variable rail pressure selection. Single pump load sensing circuitry. Accumulator circuit provides backup rail gear pressure. Conveniently located electrically controlled cartridge mono-block valve w/test ports. Easy to maintain system with throw-away filters	
Pneumatic System:	Dual compressor system produces 50 CFM (85 m ³ /hr) with dual full flow air dryers.	

General Specifications:

Fuel Capacity:
50 gallons / 189 L

Hydraulic Reservoir
Capacity:
30 gallons / 114 L

Air Tank
Capacity
(Rail Brakes)
8 ft.³ / .23m³

Air Tank Capacity
(Vehicle Brakes)
1.4 ft.³ / .04m³

Air Compressor
System
50 CFM / 85m³/hr

Air Filter (Engine)
Dry Rep. Element

Oil & Fuel Filters
Rep. Element

Wheel Base
92" / 2377 mm

Width
110" / 2896 mm

Height
130.5" / 3315 mm

Length
232" / 5893 mm

Ground Clearance
(Rail Wheels Raised)
10.5" / 267 mm

Weight
42,000 lbs. / 19,045 kg

Speed Range:

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

*Actual speeds
obtained will vary
depending on grade,
curves, load, altitude
and other factors.*

Draw Bar Pull:

26,750 lbs. / 118,770N

*Draw Bar Pull
developed with
single coupler
without any weight
transfer from rail car.
Actual draw bar pull
obtained varies with
rail and weather
conditions.*



Central Power Products, Inc. dba
Central Manufacturing
4116 Dr. Greaves Rd.
PO Box 777
Grandview, MO 64030
Phone: (816) 767-0300
Fax: (816) 763-0705
e-mail: info@shuttlewagon.net
web site: www.shuttlewagon.com

PN-SWX415Be 0203

Electrical and Lights:

12 Volt starting and lighting with 130 amp alternator, headlights front and rear. Rear stop and tail lights, turn signals with four-way flashers. Cab lights, illuminated instrument panel, amber strobe light. Two heavy-duty, maintenance-free batteries; standard 1/4" blade type automotive fuses provide protection for electrical system. Front and rear rail wheel and coupler lights.

Frame:

All welded steel plate construction. 4" (102mm) thick full-width and full-length deck plate. 3/8" (10mm) steel plate fenders integrally welded into one frame assembly.

Steering:

Hydrostatic power steering controlling front axle. Steering is locked out when on rail.

Cab:

Three-person, insulated, all steel 56" x 96" (1422 x 2438 mm), rubber mounted. Front windshield wiper with washer, dual wipers on rear door. Dual controls for forward and reverse operation on rail. Side view mirrors with large mirrors front and rear of unit for rail operation. Dual air horns. Fully adjustable air-suspended operator seat equipped with safety belt mounted on 180 degree swivel base. Two-person passenger bench seat equipped with seat belts. Anti-skid floor mat. 42,200 BTU (12,370 W) heater with front and rear defroster fans. Two platform step ladders, one on each side of rear deck.

Gauges, Instruments and Alarms:

Modular dash panel design allows easy removal for service. Engine oil pressure gauge, engine water and transmission oil temperature gauges. Fuel level, service brake pressure, rail air brake pressure. Front and rear guide wheel pressure. Tachometer, voltmeter, hourmeter, automatic back up alarm (OSHA required).

Alarms consist of: Low engine oil pressure, low service air pressure, high water temperature, low oil pressure front and rear rail gear. Straight ahead indicator.

Tires and Rims:

Four 315/80R22.5 radial steel belted tubeless tires mounted on solid disc drop center rims.

Sanders:

Road or rail, electrically operated from cab. All drive wheels sanded for forward and reverse operation.

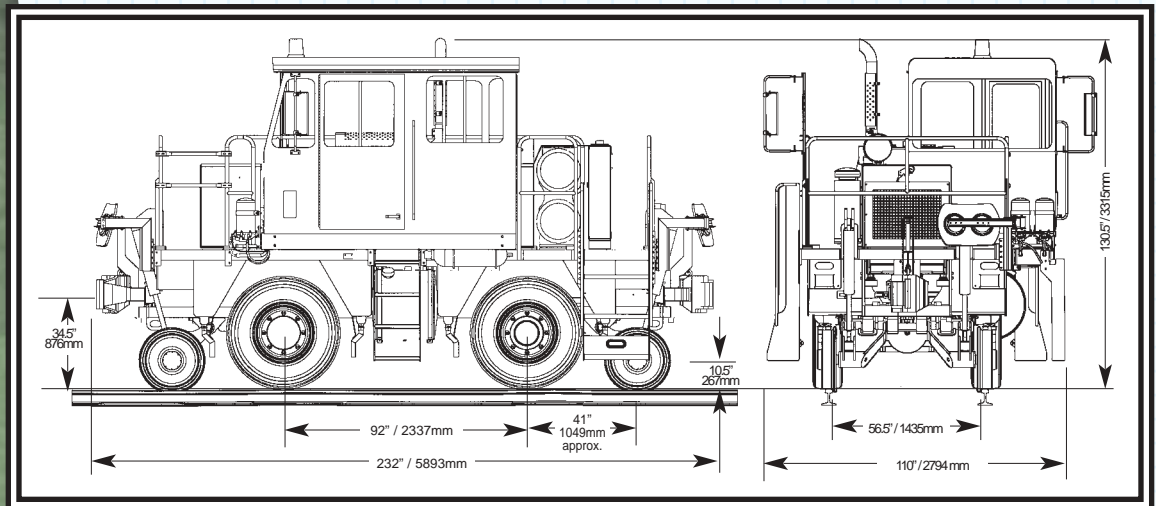
Paint:

Fully primed / finish safety-orange / black stripes around deck and white cab roof.

Factory Installed Options:

Include 4 wheel steer, air-conditioning and radio remote control with other options available.

For a complete list, contact factory.



Dimensions and weight do not include any optional equipment. Specifications are subject to change without notice.