

SHUTTLE WAGON SWX35A General Specs:

Fuel Capacity - 50 gallons

Hydraulic Reservoir Capacity - 35 gallons

Air Tank Capacity (rail brakes) - 11 CF

Air Tank Capacity (vehicle brakes) - 2 CF

Air Compressor - 36 CFM

Air Filter (Engine) - Dry rep. Elements

Oil & Fuel Filters - Dry Rep. Elements

Wheelbase - 96"

Weight - 43,000 lbs.

Ground Clearance - 12" **Drawbar Pull:** 30,000 lbs **Engines:** Standard:

Cummins 6CT 8.3C

Torque: 455 @1500RPM

H.P. 215 @ 2500 RPM

Optional:

Caterpillar 3208 Diesel

Torque: 503 @ 1400 RPM

H.P. 210 @ 2600 RPM **Transmission:**

Full powershift transmission with 2.56 ratio torque converter, vibration dampener, cooler and filter, three equal speeds, forward and reverse, road or rail. **First Gear:**

0-3 mph

Second Gear:

0-8 mph

Third Gear:

0-19 mph **Electrical and Lights:** 12V starting and lighting with 105 amp alternator, headlights front and rear. Rear stop and tail lights, turn signals with four-way flasher. Cab lights, illuminated instrument panel, amber strobe light. Two heavy duty maintenance free batteries, push to reset circuit breakers. Front and rear rail wheel flood lights.

Coupler lights front and rear. **Axles:**

Four wheel drive through heavy-duty off-highway rated planetary drive axles. Rear axle no-spin equipped. Front axle disconnected for road travel. **Couplers:** Dual rail couplers (AAR) with automatic latch, air operated unlatch, hydraulically positioned.

Frame:

All-welded construction 18" @ 58 lbs. structural channel with 6 " steel plate decking and 1" steel plate fenders, integrally welded into one assembly. Wide profile safety steps on all 4 corners with handrails. **Hydraulic System:** Variable pressure selection. Simple, single pump, constant flow low pressure system. Easy to maintain, major brand components, throw away filters. **Rail Equipment:** Ryd-A-Rail 22" diameter single guidewheels. AAR standard 56.5" (1435mm) rail gauge, mounted on four hydraulic cylinders, automatically controlled and monitored from cab. Ryd-A-Rail suspension and vehicle suspension are independent, allowing ample flexing for adverse track conditions and providing a smooth, quiet ride.

Cab:

Three man, insulated, all steel 56" x 96", rubber mounted. Safety glass throughout, full glass front and rear. Dual windshield wipers front and single rear, with washers. Side view mirrors. Dual air horns. Air suspension adjustable operator seat with 360° swivel seat. Sound-deadening anti-skid insulated floor mat. 35,000 BTU/hr heater and front and rear defroster fans.

Brakes:

Service - Four wheel cast iron caliper air-over-hydraulic disc brakes.

Parking - Manual activated drive line 14" disc brake.

Rail Car - AAR connection for rail car brake system; cab mounted A-9 control valve, with 36 CFM air compressor system independent of vehicle brakes. **Gauges,**

Instruments & Alarms:

Oil pressure gauge, water temperature, transmission oil temperature, fuel level, service brake air pressure, rail air brake pressure. Front and rear guide wheel pressure.

Tachometer, ammeter, hourmeter, automatic back-up alarm.

Low oil and high water temperature alarm, straight ahead indicator. and low hydraulic pressure alarm. **Steering:**

Hydrostatic power steering. Steering lock-out when on rail

Sanders:

Road or rail. Electric operated from cab. All drive wheels sanded for forward and reverse operations. **Factory Installed Options:** Snow plow, hydraulic rotating broom, 70CFM screw compressor, radio control, spot light, automatic engine shutdown, spark arrestor muffler, air conditioning, engine block heater, Ether quick start, cab door extension.

Tires & Rims:

Four 12.00 x 22.5 tubeless tires on drop center rims and solid disc wheels. **Note:**

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