



SHUTTLE WAGON



SWX 40 RAIL CAR MOVER SPECIFICATIONS

ENGINE:

Diesel — GM 8.2T
 Net Horsepower 200 @ 3000 RPM
 Net Torque 430' # @ 2100 RPM
 Optional: 3208 Caterpillar Diesel
 Net Horsepower 210 @ 2800 RPM
 Net Torque 500' # @ 1400 RPM

TRANSMISSION: CLARK

Full powershift transmission with 3.1 ratio torque converter, vibration dampener, air to oil cooler and filter, 4 equal speeds forward and reverse, road or rail:

1st 3 MPH (Max.)
 2nd 6 MPH (Max.)
 3rd 11 MPH (Max.)
 4th 22 MPH (Max.)

AXLES: SPICER

Four-wheel drive through heavy-duty off-highway rated planetary drive axles. Rear axle no-spin equipped. Front axle manually disconnected for road travel.

STEERING: EATON

Hydrostatic power steering. Steering lock-out when on rail.

BRAKES: GOODYEAR

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 air brake system; cab mounted A-9 control valve, independent of vehicle brakes.

RAIL EQUIPMENT:

Domestic-Eight Ryd-A-Rail 12½" dia. guide wheels 56.5" (1435 mm) gauge (AAR), mounted on four oil over air hydraulic cylinders, 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. Dual rail couplers (AAR) with automatic latch, air operated unlatch. Railcar air brake hose connector (AAR).

International-Shuttle Wagon can be adapted for most international applications, not utilizing standard 1435 mm gauge (minimum 1321 mm to maximum 1676 mm). Compatible UIC coupling available.

SANDERS:

For road and rail. Electric operated from cab. All drive wheels sanded for forward or reverse operation.

TIRES & WHEELS:

Four 12.00 x 22.5 16 PR tubeless tires on drop center rims and solid disc wheels.

FRAME:

All-welded construction 18" @ 58 lbs. structural channel with 6" steel plate decking and 1" steel plate fenders, integrally welded into one assembly.

HYDRAULIC SYSTEM:

3 position pressure selection. Simple, single pump, constant flow low pressure system. Easy to maintain, major brand components — throw away filters.

SHUTTLE WAGON SWX 40 RAIL CAR MOVER SPECIFICATIONS (CONTINUED)

CAB: CHICAGO CAB

Three man, all steel, 56" x 96" offset, insulated, rubber mounted. Safety glass throughout, full glass front & rear, with tinted windshield. Dual controls for forward or reverse operation. Dual windshield wipers front and single rear, washers, rear view mirrors. Dual air horns, air suspension adjustable 360° swivel seat. Acoustical foam-lined, anti-skid insulated floor mat. 35,000 BTU/hr. heater and front & rear defroster fans.

ELECTRICAL & LIGHTS:

12V starting and lighting with 65 amp alternator, 2 headlights front and rear. Rear stop and tail lights, turn signals with four-way flasher (ICC approved). Cab light, illuminated instrument panel, rotating amber light. Heavy duty group 4D battery push to reset circuit breakers.

GAUGES, INSTRUMENTS AND ALARMS:

Oil pressure gauge, water temperature gauge, transmission oil temperature gauge. Fuel level, service brake air pressure, and low air alarm, rail air brake pressure. Front and rear guide wheel hydraulic pressure. Tachometer, ammeter, hourmeter, automatic backup alarm (OSHA required).

GENERAL SPECIFICATIONS:

Fuel Capacity	60 Gals.
Hydraulic Reservoir Cap.	20 Gals.
Air Tank Cap. (Rail Brakes)	11 CF
Air Tank Cap. (Vehicle Brakes)	2 CF
Air Compressor (w/automatic moisture eliminator)	24 CFM
Air Filter (Eng.)	Dry Rep. Element
Oil & Fuel Filters	Dry Rep. Element
Bed Width	6'8"
Weight	43,000 lbs.
Ground Clearance (Rail wheels raised)	12 1/2"

LOAD CAPACITIES:

Rail (Level, maintained track)	2,100 tons (Avg)
Draw bar pull (dry track) single coupler without weight transfer	33,000 lbs. (Actual)

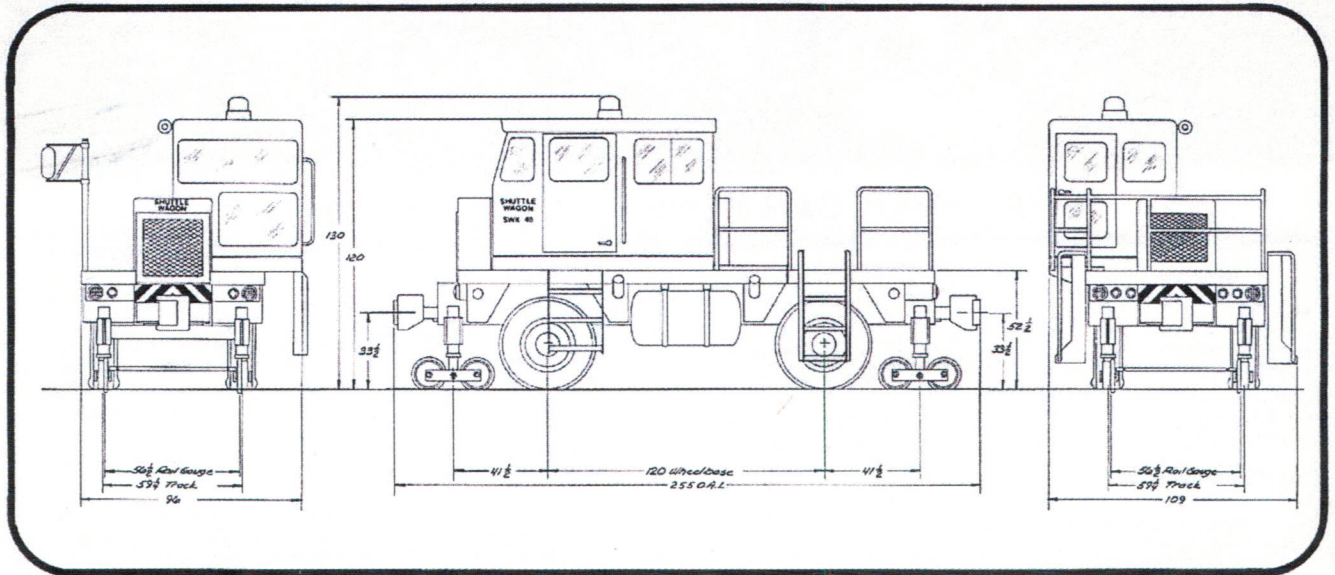
MAJOR OPTIONS:

- Snow plow.
- Hydraulic rotating broom.
- 30,000 # hydraulic winch.
- Hydraulic cranes — 12,000 # to 32,000 # capacities.
- 175 CFM deck mounted air compressor.
- Hydraulic lift platform.

WARRANTY:

12 months or 2000 hrs. parts & labor.

Specifications subject to change without notice.



Demonstrated, Sold and Serviced by:

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