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Shuttle Wagon Specification Sheet IRG-20-157

SHUTTLE WAGON SWX45A

Drawbar Pull: 36,000 lbs

Engine:

Diesel -Cat 3208T
Net Horsepower: 250 @ 2600 RPM
Net Torque: 640 lbs/ft @1400 RPM

Transmission:

Full powershift transmission with 2.56 ratio torque converter, vibration dampener, cooler and filter, 3 equal speeds forward and reverse, road or rail.

First Gear:

3 mph max

Second Gear:

8 mph max

Third Gear:

19 mph max

Axes:

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

Steering:

Hydrostatic power steering.
Steering lock-out when on rail

Sanders:

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

Tires & Wheels:

Four 14.00 x 24 Load Range "L" Tube Type tires on drop center rims and solid disc wheels.

General Specs:

Fuel Capacity - 50 gallons
Hydraulic Reservoir Capacity - 20 gallons
Air Tank Capacity (rail brakes) - 11 CF
Air Tank Capacity (vehicle brakes) - 2 CF
Air Compressor - 100 CFM
Air Filter (Engine) - Dry rep. Elements
Oil & Fuel Filters - Rep. Elements
Wheelbase - 98"
Weight - 63,000 lbs.
Ground Clearance - 12"

Brakes:

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

Parking - Manual activated drive line 14" disc brake
Rail Car - AAR connection to rail car air brake system; cab mounted A-9 control valve, independent of vehicle brakes

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.
Dual rail couplers (AAR) with automatic latch, air operated unlatch.
AAR railcar air brake connector system.

Frame:

All-welded construction 24" @ 94 lbs. structural I-Beam with 7" steel splate decking and 2" steel plate fenders, integrally welded into one assembly. Wide profile safety steps on all 4 corners with handrails.

Cab:

Three man, all steel 56" x 96" offset, insulated, rubber mounted. Safety glass throughout, full glass front & rear. Dual controls for forward or reverse operations. Dual windshield wipers front and single rear, washer, side view mirrors. Dual air horns, air suspension adjustable 360°; swivel seat. Sound-deadening (acoustical foam lining) anti-skid insulated floor mat. 35,000 BTU/hr heater with front and rear defroster fans.

Gauges, Instruments & Alarms:

Oil pressure, water temperature, transmission oil temperature, fuel level, service brake air pressure, low air alarm, rail air brake pressure, Ryd-A-Rail guidewheel pressure, tachometer, ammeter, hourmeter, automatic back-up alarm, low oil and high water temperature alarms, straight ahead indicator.

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