

# RAIL KING®

Mobile Railcar Mover

manufactured

by

STEWART & STEVENSON SERVICES, INC.

Houston, Texas



## MODEL SS4200



- 42,000 POUNDS OF TRACTIVE EFFORT ●
- COMMONALITY OF PARTS ●
- JOHN DEERE ENGINE & DRIVE TRAIN ●
- "PATENTED" CUSHIONED COUPLER SYSTEM ●

C. JIM STEWART & STEVENSON, INC.

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# SS4200

- "PATENTED" CUSHIONED COUPLER SYSTEM
- ISOLATED SUSPENSION SYSTEM
- 42,000 POUNDS OF TRACTIVE EFFORT
- COMMONALITY OF PARTS
- JOHN DEERE ENGINE & DRIVE TRAIN

## MAXIMUM TRACTIVE EFFORT

42,000 POUNDS WHEN BOTH COUPLERS ARE USED

26,800 POUNDS WHEN ONE COUPLER IS USED

## FRAME

HEAVY DUTY, WELDED FROM STEEL PLATE

## ENGINE

6-CYLINDER, 4-CYCLE

JOHN DEERE MODEL 6059T TURBOCHARGED (DIESEL)

RATED POWER: 165 BHP AT 2,500 RPM

## MUFFLER

SPARK ARRESTING TYPE

## AIR CLEANER

NELSON 9N W/ REPLACEABLE CARTRIDGES

## TORQUE CONVERTER

2.63 TO 1 TORQUE MULTIPLICATION

## TRANSMISSION

JOHN DEERE MODEL DF 150 POWERSHIFT

## RAIL WHEEL GEAR CASE

JOHN DEERE SPIRAL BEVEL GEAR SET; DESIGNED FOR BI-DIRECTIONAL OPERATION

## BRAKES

RAIL: IN-BOARD MULTIPLE WET DISC

TRAIN BRAKING: 32 CFM TRAIN AIR BRAKING SYSTEM

ROAD WHEEL: DRUM & SHOE

PARKING: DRUM & SHOE

## RAIL WHEELS

28" DIAMETER HEAT-TREATED CAST STEEL. TAPERED THREAD CONTOUR TO AAR SPECIFICATIONS

## ROAD WHEELS

HARD ROCK LUG 10.000 ↔ 20

## RAIL DRIVE

JOHN DEERE THROUGH TORQUE CONVERTER; TRANSMISSION TO NO-SPIN DIFFERENTIAL & INTERNAL PLANETARY AXLES

## ROAD DRIVE

HYDROSTATIC PUMP & MOTORS THROUGH PLANETARY DRIVE HUBS

## POWER STEERING

NEW STEERING DESIGN FEATURING HYDROSTATIC THROUGH ORBITROL MOTOR, IMPROVED GROUND CLEARANCE ON ROAD

## HYDRAULIC SYSTEM

IMPLEMENT PUMP PROVIDES FLOW TO A CENTRALIZED HIGH-STRENGTH MANIFOLD W/ REPLACEABLE SUN CARTRIDGE VALVES

## COUPLERS

TWO WEIGHT TRANSFER COUPLERS MADE FROM FABRICATED STEEL (NO CASTINGS). COUPLERS SLIDE ON HIGH DENSITY SELF-LUBRICATING NYLON BEARINGS FOR LONG LIFE & MINIMAL MAINTENANCE. THIS HEAVY DUTY COUPLER SYSTEM OPERATES ON A CENTER PIVOT HOUSED IN A MASSIVE SYNTHETIC RUBBER CUSHION PRESSED IN BOTH SIDES OF THE FRAME.

## SANDERS

EIGHT AIR OPERATED SANDERS; TWO FOR EACH RAIL WHEEL, FRONT & BACK

## LIGHTS

FRONT & REAR TAIL/STOP LIGHTS; FRONT AND REAR SEALED BEAM HALOGEN TRACK LIGHTS. AMBER STROBE LIGHT

## DUAL DIRECTIONAL CAB

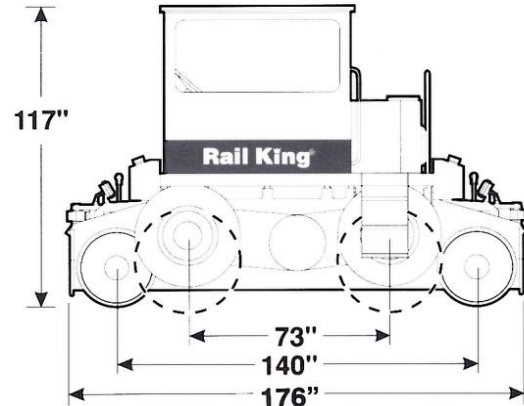
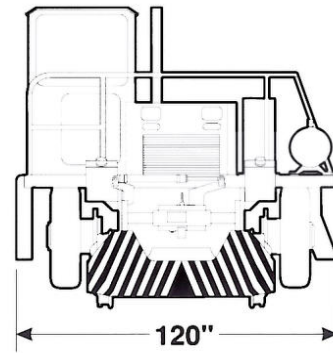
INCLUDES SWIVEL SEAT, DUAL CONTROLS, FRONT & REAR WIPERS, HEATER AND TWO DEFROST FANS

## CAB PLATFORM

DESIGNED WIDER THAN THE CAB TO PROTECT CAB SHEET METAL

## WARNING SIGNAL

AIR BLAST HORN



WEIGHT: 35,000 LBS 15,909 Kg	DIMENSIONS SS4200			
	ON RAIL		ON ROAD	
CLEARANCE	3"	76MM	10"	254MM
LENGTH	176"	4,470MM	176"	4,470MM
WIDTH	120"	3,048MM	120"	3,048MM
HEIGHT	117"	2,971MM	130"	3,302MM
SPEEDS: forward/reverse	15MPH	24.3Km/H	5MPH	8.1Km/H

## OPTIONAL EQUIPMENT:

Air Bell, Fire Extinguisher, Outside Mirror, Alternator 100 AMP, Engine Block Heater, Ether Start, Turn Signals, Cab Air Conditioning, Centralized Lubrication, Snow Plow.

Business Card



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