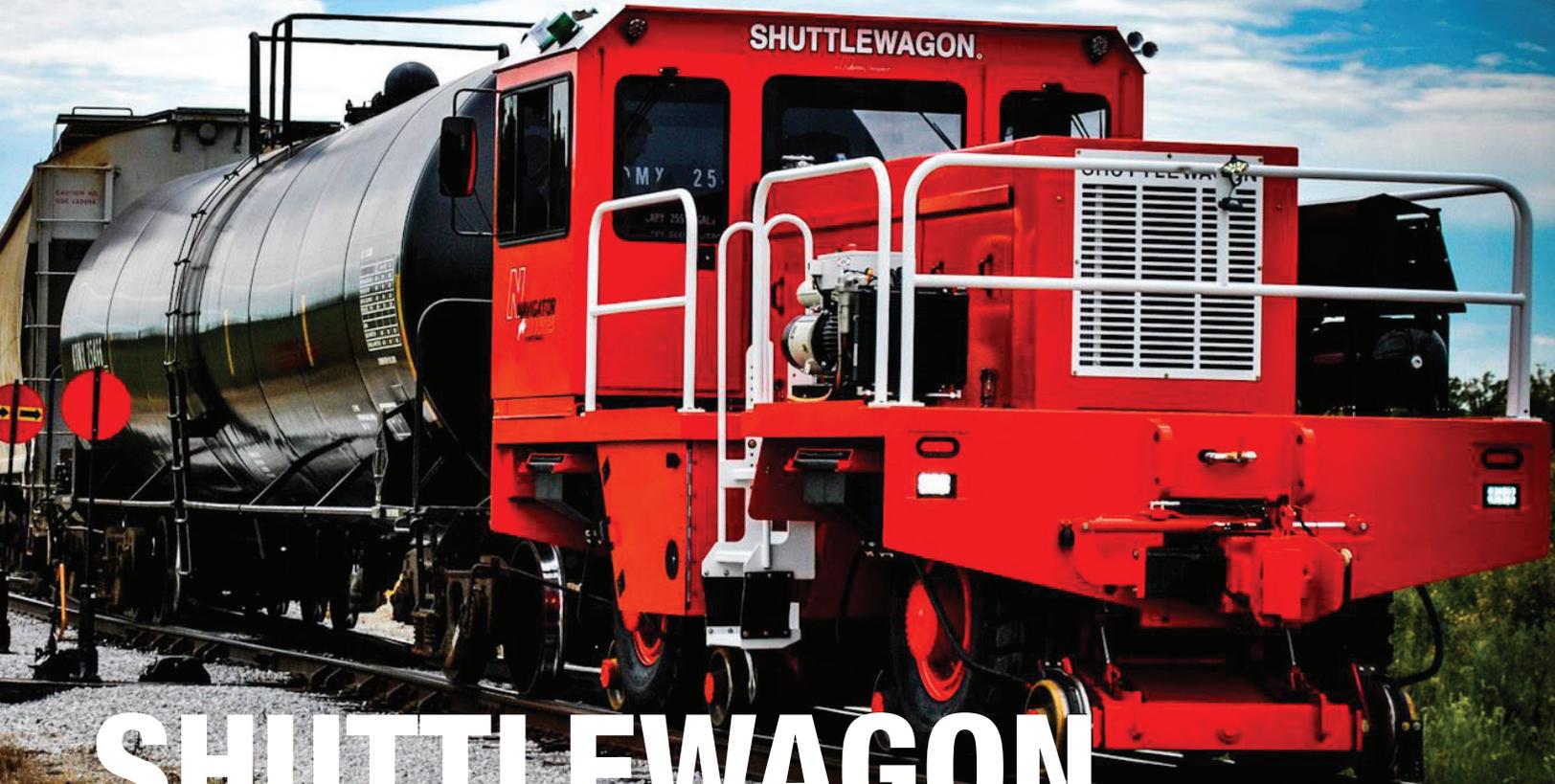




Since 1972



# SHUTTLEWAGON RAILCAR MOVERS

*Move More Railcars Safely*



New – Used – Parts – Service – Rental  
[www.shuttlewagon.com](http://www.shuttlewagon.com)

# ***A REVOLUTION IN RAILCAR MOVERS*** **RUBBER-TIRE DRIVE**

- ✓ **No lifting on the railcars to borrow weight**
- ✓ **No double coupling required to maximize tractive effort**
- ✓ **No reduction in pulling capacity when coupled to an empty car**

Shuttlewagon's advanced system achieves better traction than a steel wheel. Unlike a weight transfer machine with complicated hydraulics, Shuttlewagon rides on rubber tires and is guided by steel wheels. As a result, Shuttlewagon reduces vibration, rides smoother while extending component life and increasing operator comfort.

Couple into our industry standard locomotive style AAR coupler and connect the air hose. Within seconds, you are moving railcars with controlled precision, and without the loss of pulling capacity or weight when coupled directly to an empty railcar.



# Models and Specifications

Every new Shuttlewagon includes a two year or 4,000 hour warranty and comes with support of factory-trained technicians.

## Up to 25 Loaded Cars



SPECIFICATIONS	SWX315	SWX420	SWX525
WEIGHT	43,000 lbs	46,000 lbs	55,000 lbs
LENGTH (TO END OF COUPLERS)	242 "	242 "	260 "
WIDTH	120 "	120 "	120 "
TRACTIVE EFFORT	27,000 lbs	30,000 lbs	35,000 lbs

Commander Series is powerful, versatile, and dependable.  
Equipped with latest technology for maximum operator comfort and safety

## Up to 40 Loaded Cars



SPECIFICATIONS	NVX5025	NVX6030	NVX7035	NVX8040
WEIGHT	61,000 lbs	67,000 lbs	73,000 lbs	101,000 lbs
LENGTH (TO END OF COUPLERS)	296 "	296 "	296 "	296 "
WIDTH	120 "	120 "	120 "	120 "
TRACTIVE EFFORT	38,000 lbs	45,000 lbs	50,000 lbs	60,000 lbs

Navigator Series represents the highest pulling capacity for rail car movers in the industry

## Up to 60 Loaded Cars Bi-Modal Mobile Mover



SPECIFICATIONS	NVX9060
WEIGHT	117,000 lbs
LENGTH (TO END OF COUPLERS)	345 "
WIDTH	120 "
TRACTIVE EFFORT	85,000 lbs

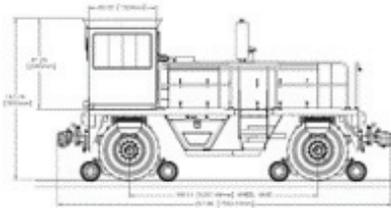
ZERO Emissions - Lithium Ion  
Eliminate your carbon footprint

Contact Shuttlewagon for more  
information

# Safety, Performance & Savings

Shuttlewagon delivers greater value in safety, performance and cost savings regardless of your current railcar moving solution today

## SHUTTLEWAGON



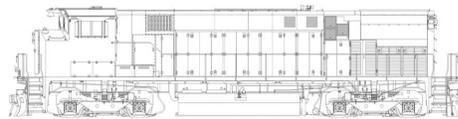
### “NON-WEIGHT TRANSFER”

Does not borrow weight from rail car

Tractive Effort (lbs) when directly coupled to:

SW Models	Loaded Railcars	Empty Railcars	Passenger Railcars
SWX 315	27,000 lbs	27,000 lbs	27,000 lbs
SWX 420	30,000 lbs	30,000 lbs	30,000 lbs
SWX 525	35,000 lbs	35,000 lbs	35,000 lbs
NVX 5025	38,000 lbs	38,000 lbs	38,000 lbs
NVX 6030	45,000 lbs	45,000 lbs	45,000 lbs
NVX 7035	50,000 lbs	50,000 lbs	50,000 lbs
NVX 8040	60,000 lbs	60,000 lbs	60,000 lbs
NVX 9060	85,000 lbs	85,000 lbs	85,000 lbs

## LOCOMOTIVE



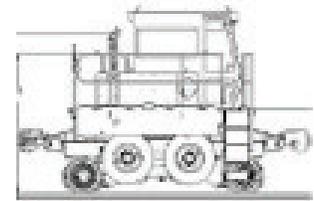
### “NON-WEIGHT TRANSFER”

Does not borrow weight from rail car

Estimated locomotive equivalent scale

Tractive Effort by Locomotive Weight
45 Ton = 27,000 lbs
50 Ton = 30,000 lbs
55 Ton = 35,000 lbs
63 Ton = 38,000 lbs
75 Ton = 45,000 lbs
83 Ton = 50,000 lbs
100 Ton = 60,000 lbs
142 Ton = 85,000 lbs

## COMPETITORS



### “WEIGHT TRANSFER”

Less weight to borrow = Less tractive effort

Estimated tractive effort when coupled to:

Loaded Railcars	Empty Railcars	Passenger Railcars
27,000 lbs	15,000 lbs	18,500 lbs
30,000 lbs	16,000 lbs	19,500 lbs
33,000 lbs	20,500 lbs	24,200 lbs
N/A	N/A	N/A
44,000 lbs	31,500 lbs	35,000 lbs
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

## Shuttlewagon vs Locomotive

### Operating Cost

- Average Fuel Consumption - 1.8 gallons per hour
- No need to idle in cold temperatures, further reducing fuel consumption
- Low cost Planned Maintenance programs
- Local parts availability and field technicians

### Operational Advantages

- Versatile - Converts from rail to road, allowing for coupling to front, rear or center of the train for more efficient switching
- Tier 4 Cummins Engine - No idling, no stack burn-offs and reduced emissions
- More road clearance
- Four wheel drive available in off-road mode

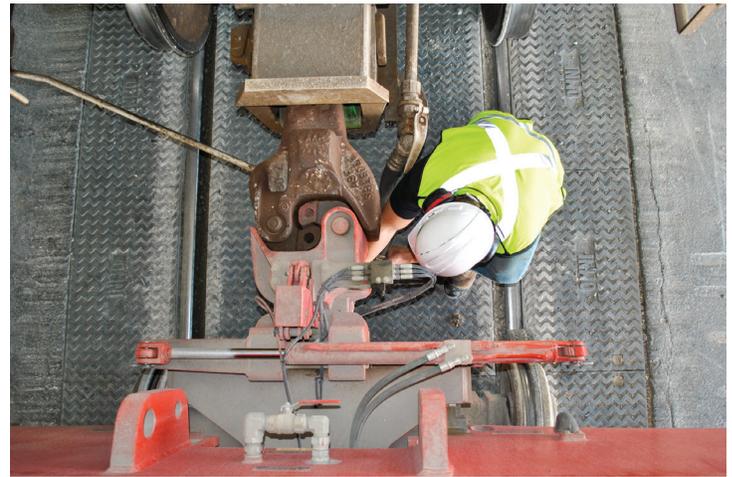
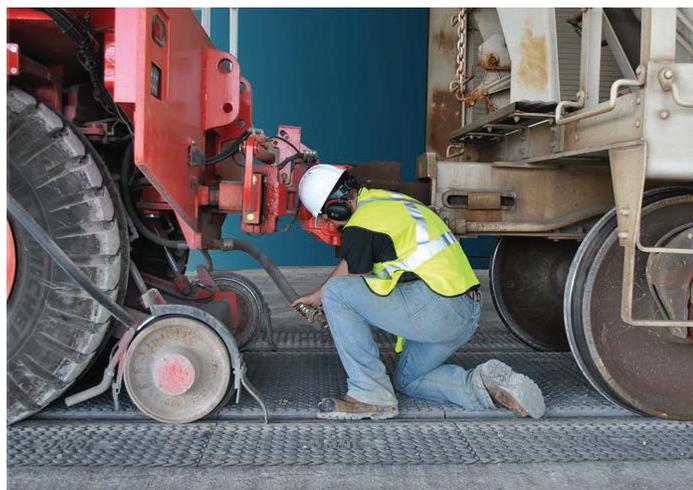
# The Safer Choice

- #1 Infinite range train air brakes for maximum brake control
- #2 Service Safety - No heavy “weight transfer” coupler beams or folding tires creating dangerous pinch points
- #3 Derail Prevention – No lifting rail car off the center pin
- #4 True 360° visibility with or without cameras
- #5 Operator Safety - No cramped space for operators connecting train air hoses
- #6 Training - Included with every machine

## Integrated Safety

- ✓ 360 degree view from cab
- ✓ Full-width pass through cab on every model
- ✓ Visual & audible warning alarms
- ✓ 180 degree rotating console
- ✓ Console slide for operator reach
- ✓ Rail mode; operate from any side of machine
- ✓ Telematics with shock-load/impact monitoring
- ✓ Overhead interior mirrors \*
- ✓ 360 degree perimeter camera \*
- ✓ Digital Video Recorder (DVR) \*
- ✓ Vigilance control \*
- ✓ Dead man switch \*

*\* Available as an option*



**Shuttlewagon includes more standard safety features than any other brand**



- ✓ Industry leading Red Zone space
- ✓ Fewest pinch points across brands
- ✓ Easily accessible service points
- ✓ No need to block machine during maintenance
- ✓ 13 exterior lights
- ✓ Groundman crossover platform
- ✓ Anti-skid deck plate
- ✓ Wide top-to-bottom, accessible ladders
- ✓ FCC licensed 450mHz remote control\*
- ✓ Switchman Remote Emergency Shutdown\*

# PARTS & SERVICE

## From training to repair...

Strategically placed across the United States, Nordco's Shuttlewagon team of field service expert technicians and trainers provide customized solutions for each unique site application.



## Full Service Support

- ✓ 24-hour field service
- ✓ On-site operator training
- ✓ Field and shop services
- ✓ Customized preventative maintenance agreements



## Field Service and Technicians

- ✓ Emergency repairs
- ✓ Scheduled maintenance
- ✓ Coverage programs
- ✓ Comprehensive vehicle inspection
- ✓ Field install add-on options
- ✓ Training refresher courses
- ✓ Customized training and manuals
- ✓ One on one/On-site operator training
- ✓ Field and shop services
- ✓ Customized PM



**Nationwide service with factory-trained technicians who work on all makes and models of railcar movers and other industrial equipment**

# RENTAL & USED

## Nationwide Fleet

Nordco's Shuttlewagon unit has strategically placed mobile railcar movers of all makes and models across North America. Between our nationwide rental fleet and local-to-you service technicians, we're here to keep you moving.

## Shuttlewagon Factory Direct Used, Rebuilt & Refurbished

From competitively priced used machines to factory certified machines offered with full warranty, Shuttlewagon offers a wide range of pre-owned railcar movers to fit any budget.

## Parts

We ship your parts same day and are always following trends to ensure we have the right inventory stocked at all time:

- ✓ Parts for all makes and models
- ✓ Service manuals
- ✓ Operations manuals
- ✓ Parts books
- ✓ OEM parts for all Shuttlewagon units
- ✓ Machine Troubleshooting
- ✓ On-site customized training and install

## Rental Units

- ✓ Short and long term rental options on all makes and models
- ✓ Leasing options available through sound financial partners
- ✓ Low-hour late model units
- ✓ Reconditioned/Remanufactured units



## Update your machine with new aftermarket parts

Shuttlewagon aftermarket support team provides customers with a wide range of services for all makes and models or mobile rail car movers. From 24-hour support to fast turnaround on parts and shop services: customers can keep business moving with our nationwide rental fleet and expert technicians.

We deliver the help you need, when you need it most.

# DESIGN YOUR SHUTTLEWAGON YOUR WAY

## Safety Options

Air Bell  
Remote Spotlight  
Extended Lights Package  
Automatic Engine Shutdown  
Idle Shutdown  
Surround Camera System  
Digital Video Recorder  
Vigilance System  
Shock Impact Monitoring  
Smart Start Keypad System

## Convenience Options

Cold Weather Package  
Safety Package  
Snow Plow  
Rotary Broom  
Remote Monitoring – Telematics  
Radio Remote Control  
Hose Reel  
Heated Mirrors  
Automatic Lubrication System

## Paint Options

Custom Colors and Logos  
Corrosion Resistance Clear Coat  
Corrosion Resistance  
Rhino Protective Lining

## Extended Warranty

Extended Machine Warranty  
Extended Engine Warranty  
Planned Maintenance

## STANDARD EQUIPMENT

*“Air-knife” adverse weather rail drying system*  
*Anti-lock braking system*  
*Dynamic traction control*  
*Exterior mounted cameras and cab monitor to view couplers & rail wheels*  
*Full width cab with rotating operator console*  
*Two air ride operator seats*  
*90 Gallon fuel tank*



*For Pricing and Ordering*

Online at [www.shuttlewagon.com](http://www.shuttlewagon.com)

By phone: (816) 767-0300

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Shuttlewagon  
8701 Elmwood Avenue, Suite 300  
Kansas City, MO 64132