

# Platinum SRX Series

Rider Reach, Rider Double Reach / 36 Volt / AC Powered Models



3,500 & 4,500 LB. CAPACITY SINGLE REACH  
3,000 LB. CAPACITY DOUBLE REACH

# Uncompromising Value

A large, red, three-dimensional Nissan logo is mounted on a light-colored, curved surface, possibly the side of a truck or a large sign. The logo is slanted to follow the curve of the surface. The background is dark and textured.

**The Platinum SRX Reach Truck Series is designed and manufactured to be among the most reliable trucks in the market. The dependability of the mast and roller bearing design has been proven for more than a decade, delivering greater stability and capacity retention at high lift heights. The addition of the Platinum SRX Reach Truck Series complements our entire line up of rugged electric material handling equipment. From Stand Up Riders, to Walkie/Rider Pallet trucks, Nissan Forklift users depend on our uncompromising value and enjoy greater productivity throughout their warehouse.**



Customers of Nissan Forklift's Platinum SRX receive higher productivity and reduced operating costs thanks to the brushless, 100% AC motors that power our reach trucks. Not only do SRX trucks include fewer serviceable parts resulting in longer up-time between scheduled maintenance, our motor controllers feature more efficient, transistorized power inverters for DC to AC power conversion.

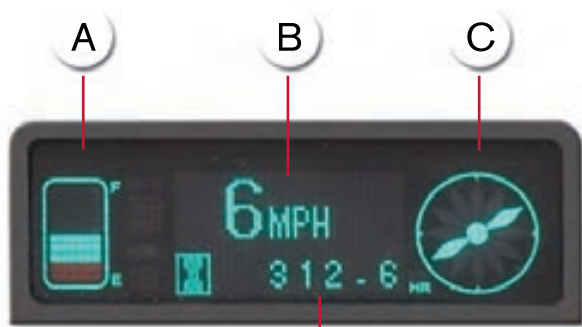
Available in five models ranging from 3,500 to 4,500 lb. capacities (single reach) and 3,000 lb. capacity (double reach), all SRX Reach Trucks include a rugged mast and reach mechanism, high, wrap-around backrest, on-board diagnostics, customized performance settings, and an ergonomic, multi-functional control handle.

While it's our goal to help users of our equipment reduce costs and maximize operational efficiencies within their supply chain, Nissan Forklift is passionate about the impact our products have on the environment.

For this reason, the many energy-conserving design features found on the SRX are also standard across our entire electric truck line up.



# Comfort & Convenience



- Ⓐ Battery Discharge
- Ⓑ Travel Speed  
(Parking Brake Warning)
- Ⓒ Steer Wheel Position
- Ⓓ Key-On (Total) Hours

## Operator Communications

A large, back-lit LED screen offers operators critical visibility to access truck status and even view warnings, should a function be performed incorrectly.

## Operator Conveniences

The roomy compartment in the Platinum SRX offers operators several ergonomic features to maximize productivity, including an intuitive, multi-functional handle, convenience tray, and padding at operator touch points, like elbow, knees, back and hip.

Its angled, small diameter steer tiller and on-demand electronic power steering system produce greater control and maneuverability with less effort.



## Brake & Operator Presence Pedals

A divider separates the two pedals. Engineered to discourage operators from depressing both pedals with the right foot, this design helps prevent against extension of the left foot beyond the safety of the compartment.



## Double Duty

The SRX Series' pantograph incorporates dual reach cylinders to reduce stress and distortion, while evenly distributing the load for reduced shock and wear. Its rugged single reach carriage design provides a full 20" stroke, and 40" for double reach (shown).







## Customize Your SRX Experience

In addition to tailoring truck settings like standard reverse steering or travel speeds, choose from additional options to suit the needs of your operation, such as strobes or work lights, which are ideal for busy or congested areas in your warehouse.



## Speed Sensing Steer Control

Operators experience a quicker response to their steering commands while the SRX is traveling at a faster rate. Conversely, this standard feature allows them to perform operations using slower, more precise movements when driving at a slower speed, such as while negotiating aisles or racking.

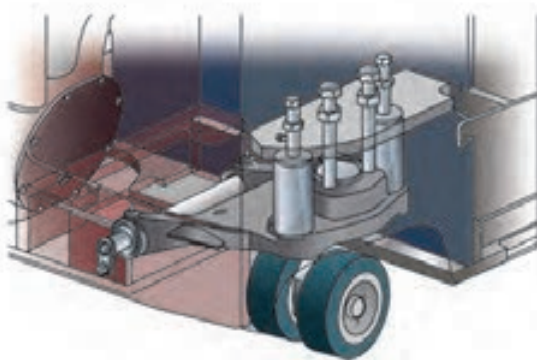
The SRX includes several standard features to help keep your operator secure while on the job, including an auto-mast lock, to disable hydraulic functions if the presence pedal is not depressed. There's also a high mast travel speed control, and an automatic applied parking brake which engages as soon as the SRX comes to a complete stop, return-to-neutral, and anti-rollback with ramp start.



# Dependable Investment

## Simple and Accessible

The SRX Series uses a caster wheel design with dual spring suspension, offering greater stability and a smoother ride. By maintaining a consistent load on the drive wheel, improved traction results, in addition to greater steering and brake control.



Operator Presence System includes mast lockout

Being kind to your truck's battery will help you get the most from each shift. To optimize the performance on your SRX reach truck, an assortment of energy conserving features has been designed in, including on-demand hydraulics and power steering, regenerative braking, and an auto-power off feature that shuts down the truck if no operator commands are given after 15 minutes.

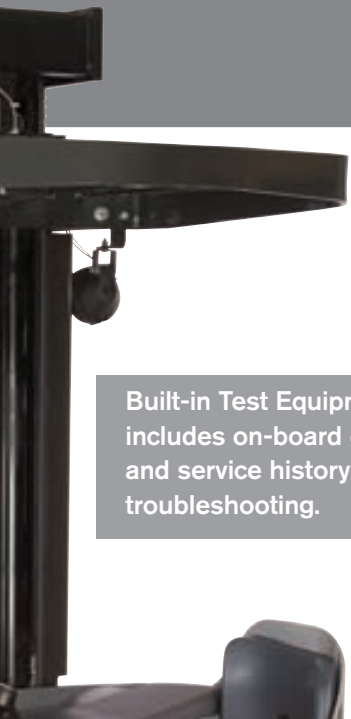
Standard thermal protection on all AC motors and controllers alerts operator against overheating. Warning is immediately followed by a drop in performance.




## Specialty Trucks

U.L. "EE" rated trucks include enclosed motors, a cover over the main contactor and key-locked battery compartment doors.






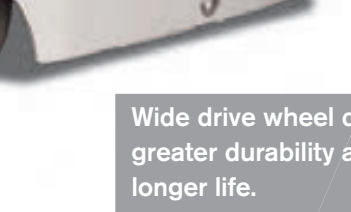
Built-in Test Equipment module includes on-board diagnostics and service history for quick troubleshooting.




Lumbar padding with 6" of adjustment provides customized comfort.



Dual, articulating caster wheels minimize tire scrubbing and drive tire wear when pivoting.



Wide drive wheel delivers greater durability and longer life.



The SRX Series uses a 100% AC-powered system with brushless drive and hydraulic motors. By eliminating commutators, brushes and all but one contactor, the SRX includes fewer serviceable parts, extending run time between scheduled maintenance.

Its on-board self-diagnostics feature protects the motor and controller by continuously monitoring for errors, faults and high temperatures, keeping service expenses and downtime both to a minimum.

## Keeping Expenses Low

Throughout the SRX you'll find a collection of reliable designs, like its stationary steer motor that eliminates cable flexing. Long life components such as magnetic, non-contact switches and sealed sensors, require no periodic adjustments, for greatly reduced maintenance costs.

# Productivity & Performance

The Platinum SRX Reach Truck Series is loaded with standard features to optimize productivity across a variety of operations. Features like no-contact switches and sealed sensors not only mean reduced maintenance, but also heaters and thermostats aren't required on the SRX – a definite plus for use in cold or freezer applications.

A multi-functional control handle includes a contoured design, providing a natural cradle for the operator's hand, while the retract function is hydraulically cushioned, for smooth operation.

The SRX also includes customizable speed settings on its lift, tilt, reach and sideshifter operations, and its anti-rollback feature (with ramp hold) is ideally suited for facilities using push-back racking.



## Comfort Features

Its wrap-around backrest measures 57-1/2" high to provide lumbar support and protection for the operator. Backrest padding offers 6" of adjustment to customize comfort. Combined with a gently sloping floorboard and a cushioned floor mat resting atop four (4) vibration isolators, SRX drivers will end their shift less fatigued.



## Operator Choice

Nissan Forklift selected a 90° side stance for our SRX Series based on overwhelming operator preference. Because taller loads have become a common occurrence, operators frequently travel in reverse for better visibility. This stance offers operators a simple way to adjust their view without having to reposition their bodies, while still maintaining critical control of operating functions.





## Digital Fork Height Indicator

Fork height is displayed on the meter panel, giving operators a confidence boost while working in areas with high racking.



## Automatic Fork Height Selector

Save valuable time during storage and retrieval operations with six different fork height stop settings, for each of two rack types. Option includes Digital Fork Height Indicator.

- |   |                                |
|---|--------------------------------|
| 1 | Switchback regeneration        |
| 2 | Foot brake regeneration        |
| 3 | Operator presence regeneration |
| 4 | Neutral brake regeneration     |

## Four Regenerative Functions

The SRX Series offers four regenerative technologies to reduce power consumption and deliver longer operating hours. Other important benefits of regenerative braking include reduced operator effort and less component wear for longer service life.

Operational commands such as drive, lift and lower, horn, reach and sideshift are performed using this single, multi-functional handle. A contoured palm rest allows operators to comfortably place their hand on the controller, without risk of performing unintentional operations.



## Low Step Height

Operator fatigue due to frequent entry/exit is minimized thanks to the SRX Series' low step height.

# Smart, Reliable Designs

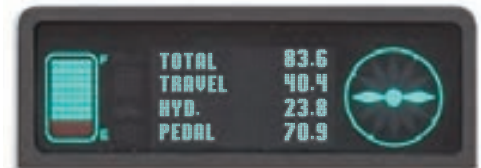
Achieve greater productivity with the SRX Series' high-visibility mast. Its rugged construction incorporates two interlocking "I" beam rails nested in a rigid outer channel, with six heavy-duty rollers from carriage to mast rail. Roller bearings between the mast and carriage are positioned at a slight angle, resulting in an overall improvement in the rigidity of the entire carriage assembly.

The reach mechanism used on the SRX Series features heavy-duty arms that include accessible grease-points to promote consistent maintenance practices. Its dual reach cylinders deliver greater strength and durability, and all include o-ring seals and vinyl wipers to protect against leaks for longer life.



## Bases covered

SRX base legs are welded to the mast for added structural strength when operating at full capacity. Choose from four available load wheel designs based on the racking configuration and products handled in your operation.



Display provides 4-mode hour meter readings including total operating time, drive motor, lift motor and operator presence pedal.



Adjust performance settings like maximum travel speed while the mast is raised (shown), reach extension speed and regenerative braking.



Self-diagnosis display includes flashing icons and alpha-numeric codes to warn the operator when errors are detected in the truck's operating systems.

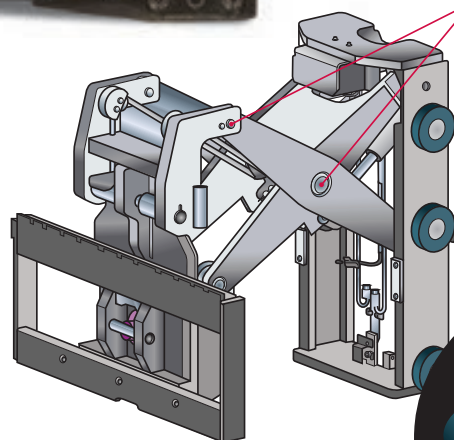




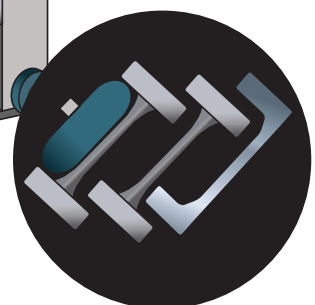
The 90° side stance offers operators the most ergonomic design for either travel direction. For operations where long distance reverse travel is common, select the reverse steering option when ordering. (Or have a technician adjust at your facility.)

The SRX Series' reach mechanism incorporates canted roller bearings that travel within the bounds of the mast's "I" beam inner rail.

As the mast extends, these angled bearings remain fully nestled inside the mast channel. As a result, the SRX Series' entire carriage assembly is extremely rigid within this tapered mast railing design, producing superior capacity retention at higher lift heights.



Several grease-points are easily accessible, promoting good maintenance habits.



# Main Specifications

Model	Load Capacity <sup>1</sup> (lbs.)	Voltage (V)	Baselegs Opening I.D. (in.)	Battery Compartment Width (in.)	Maximum Fork Height <sup>2</sup> (in.)	Maximum Travel Speed Full Load/No Load (m.p.h.)	Maximum Lift Speed Full Load/No Load (f.p.m.)	Maximum Lower Speed Full Load/No Load (f.p.m.)
SRX35N Single Reach	3,500	36	33 to 50	16.4	to 270	6.4 / 7.2	70 / 120	95 / 87
SRX45N Single Reach	4,500	36	33 to 50	16.4 or 20.9	to 330	6.4 / 7.2	70 / 120	95 / 87
SRX30ND Double Reach	3,000	36	33 to 50	16.4 or 20.9	to 330	6.4 / 7.2	70 / 120	95 / 95

<sup>1</sup> Based on 24" load center. <sup>2</sup> Based on Three-Stage mast. Measured to top of forks.

## Option Availability

		Standard <input checked="" type="checkbox"/> S Option <input type="checkbox"/> O		
		SRX35N	SRX45N SRX45LN	SRX30ND SRX30LND
Vehicle Management	AC motor controller with built-in self-diagnostics	S	S	S
	Multi-function LED display	S	S	S
	Battery discharge indicator with lift interrupt	S	S	S
	Four individual hour meter readings	S	S	S
	Multi-function control handle	S	S	S
	Emergency power disconnect switch	S	S	S
	Motor and controller temperature protection	S	S	S
	Digital fork height indicator	O	O	O
	Automatic fork height selector (includes digital fork height indicator)	O	O	O
Chassis & Mast	AC drive motor	S	S	S
	36-volt electrical system	S	S	S
	Battery compartment rollers and side gates	S	S	S
	Three-stage mast: 95" OHL / 210" MFH	S	S	S
	48" high load backrest	S	S	S
	U.L. "EE" Rating <sup>1</sup>	O	O	O
Outriggers	Freezer Package (32°F/0°C to -20°F/-29°C)	O	O	O
	33" - 50" I.D. base legs	S	S	S
	5" x 4" tandem load wheels	S	S	S
	10.5" x 4" single load wheels	O	O	O
	5" x 3" tandem narrow load wheels	O	O	O
	4" x 3" tandem low profile load wheels	O	O	O
Operator Presence System	Tapered outrigger tips (load wheel guard)	O	O	O
Operator Presence System	Operator presence pedal with mast lockout and return-to-neutral	S	S	S
	Brake pedal (depress to travel)	S	S	S
Steering System	On-demand electronic power steering	S	S	S
	Small radius tiller and speed sensor steer control	S	S	S
	Steer tire position indicator	S	S	S
	Reverse steering	O	O	O
Brake				
	4-mode regenerative braking	S	S	S
Hydraulic System	Automatic parking brake with anti-rollback and ramp start	S	S	S
	AC hydraulic pump motor	S	S	S
	Proportional lift and lower	S	S	S
Operator Conveniences	Integral sideshifter	O	O	O
	90° operator side stance	S	S	S
	Anti-fatigue arm, knees and back padding	S	S	S
	Adjustable operator backrest cushion	S	S	S
	Safety glass mast guard	S	S	S
	Operator fan and light	O	O	O
	Front or rear work lights	O	O	O
	Travel alarms	O	O	O
	Strobe lights	O	O	O
	Wire mesh mast guard	O	O	O

(1) U.L. "EE" rating available with 16.4" battery box only.