

**NISSAN**  
FORKLIFT

# SRX Platinum Series

Rider Reach, Rider Double Reach / **AC-Powered Models**

**3,000/3,500/4,500 lb.**  
Capacities



## Mast Specifications

### SRX35N

Mast Type	Mast Name	OHG Height	Maximum Fork Height	Overall Height			Free Lift		Tilt Angle	
				MFH (TOF)	Lowered	Fully Extended		FL		Fwd/ Bkwd
					OHL	With 48" LBR	Without LBR	With 48" LBR	Without LBR	
		in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	
THREE STAGE (Full Free)	3F198	93.5 (2375)	198 (5030)	89 (2260)	247.8 (6295)	234.7 (5960)	41.0 (1040)	54.1 (1375)	3/4	
	3F210		210 (5335)	95 (2415)	260.3 (6615)	247.2 (6280)	47.0 (1195)	60.1 (1530)		
	3F240		240 (6095)	107 (2720)	290.4 (7380)	277.3 (7045)	59.0 (1500)	72.1 (1830)		
	3F270		270 (6860)	119 (3025)	320.5 (8140)	307.4 (7810)	71.0 (1805)	84.1 (2140)		

### SRX45N, SRX45LN

Mast Type	Mast Name	OHG Height	Maximum Fork Height	Overall Height			Free Lift		Tilt Angle	
				MFH (TOF)	Lowered	Fully Extended		FL		Fwd/ Bkwd
					OHL	With 48" LBR	Without LBR	With 48" LBR	Without LBR	
		in	in	in	in	in	in	in	deg	
THREE STAGE (Full Free)	3F198	93.5 (2375)	198 (5030)	89 (2260)	247.8 (6295)	234.7 (5960)	41.2 (1045)	54.3 (1380)	3/4	
	3F210		210 (5335)	95 (2415)	260.3 (6615)	247.2 (6280)	47.2 (1200)	60.3 (1535)		
	3F240		240 (6095)	107 (2720)	290.4 (7380)	277.3 (7045)	59.2 (1505)	72.3 (1840)		
	3F258		258 (6555)	113 (2870)	308.4 (7835)	295.3 (7500)	65.2 (1655)	78.3 (1990)		
	3F270		270 (6860)	119 (3025)	320.5 (8140)	307.4 (7810)	71.2 (1810)	84.3 (2145)		
	3F300		300 (7620)	131 (3330)	350.6 (8905)	337.5 (8570)	83.2 (2115)	96.3 (2450)		
	3F330		330 (8380)	149 (3785)	380.5 (9665)	367.4 (9335)	101.2 (2570)	114.3 (2905)		

### SRX30ND, SRX30LND

Mast Type	Mast Name	OHG Height	Maximum Fork Height	Overall Height			Free Lift		Tilt Angle	
				MFH (TOF)	Lowered	Fully Extended		FL		Fwd/ Bkwd
					OHL	With 48" LBR	Without LBR	With 48" LBR	Without LBR	
		in	in	in	in	in	in	in	deg	
THREE STAGE (Full Free)	3F198	93.5 (2375)	198 (5030)	89 (2260)	247.8 (6295)	234.7 (5960)	41.0 (1040)	54.1 (1375)	3/4	
	3F210		210 (5335)	95 (2415)	260.3 (6615)	247.2 (6280)	47.0 (1195)	60.1 (1530)		
	3F240		240 (6095)	107 (2720)	290.4 (7380)	277.3 (7045)	59.0 (1500)	72.1 (1835)		
	3F258		258 (6555)	113 (2870)	308.4 (7835)	295.3 (7500)	65.0 (1650)	78.1 (1985)		
	3F270		270 (6860)	119 (3025)	320.5 (8140)	307.4 (7810)	71.0 (1805)	84.1 (2140)		
	3F300		300 (7620)	131 (3330)	350.6 (8905)	337.5 (8570)	83.0 (2110)	96.1 (2445)		
	3F330		330 (8380)	149 (3785)	380.5 (9665)	367.4 (9335)	101.0 (2565)	114.1 (2900)		

## Outrigger (Base Leg) Requirements

### SRX35N, SRX45N, SRX45LN

Base Leg Type	Load Wheel	Outriggers (Base Legs)				
		Inner Dimension (I.D.)				Outside Dimension
		Min. I.D.			Max. I.D.	Add to I.D.
No S/S	2x2 S/S	4x4 S/S				
Standard	5"d x 4"w Tandem	33	33	37	50	+ 11"
Single Load Wheel	10.5"d x 4"w Single	35	39	43	50	+ 11"
Narrow Profile	5"d x 3"w Tandem	33 <sup>1</sup>	33 <sup>1</sup>	37 <sup>2</sup>	50	+ 9"
Low Profile	4"d x 3"w Tandem	33 <sup>1</sup>	33 <sup>1</sup>	37 <sup>2</sup>	50	+ 9"

<sup>1</sup>I.D. Min.=35" with 3F330 Mast

<sup>2</sup>I.D. Min.=38" with 3F330 Mast

### SRX30ND, SRX30LND

Base Leg Type	Load Wheel	Outriggers (Base Legs)				
		Inner Dimension (I.D.)				Outside Dimension
		Min. I.D.			Max. I.D.	Add to I.D.
No S/S	2x2 S/S	4x4 S/S				
Standard	5"d x 4"w Tandem	33	33	37	50	+ 11"
Single Load Wheel	10.5"d x 4"w Single	35	39	43	50	+ 11"
Narrow Profile	5"d x 3"w Tandem	35	35	38	50	+ 9"
Low Profile	4"d x 3"w Tandem	35	35	38	50	+ 9"

# 3,000/3,500/4,000 lb. capacities

## Right Angle Stacking Aisle Requirements

### SRX35N

Load Length	Load Width					
	30"	36"	40"	42"	44"	48"
30"	85 (2160)	85 (2160)	85 (2160)	85 (2160)	85 (2160)	85 (2160)
36"	87 (2210)	86 (2185)	85 (2160)	85 (2160)	84 (2135)	83 (2110)
40"	92 (2335)	91 (2310)	91 (2310)	91 (2310)	90 (2285)	90 (2285)
42"	94 (2390)	94 (2390)	93 (2360)	93 (2360)	93 (2360)	93 (2360)
44"	96 (2440)	96 (2440)	96 (2440)	95 (2415)	95 (2415)	95 (2415)
48"	101 (2565)	100 (2540)	100 (2540)	100 (2540)	100 (2540)	100 (2540)

42" I.D. Base Legs, 5x4 Load Wheels, 4" Clearance Between Loads.

Add min. 6" clearance for ease of operation.

### SRX45N

Load Length	Load Width					
	30"	36"	40"	42"	44"	48"
30"	86 (2185)	86 (2185)	86 (2185)	86 (2185)	86 (2185)	86 (2185)
36"	88 (2235)	87 (2210)	87 (2210)	86 (2185)	86 (2185)	85 (2160)
40"	93 (2360)	93 (2360)	92 (2335)	92 (2335)	92 (2335)	91 (2310)
42"	96 (2440)	95 (2415)	95 (2415)	95 (2415)	94 (2390)	94 (2390)
48"	102 (2590)	102 (2590)	102 (2590)	101 (2565)	101 (2565)	101 (2565)
60"	115 (2920)	115 (2920)	114 (2895)	114 (2895)	114 (2895)	114 (2895)

42" I.D. Base Legs, 5x4 Load Wheels, 4" Clearance Between Loads.

Add min. 6" clearance for ease of operation.

### SRX45LN

Load Length	Load Width					
	30"	36"	40"	42"	44"	48"
30"	90 (2285)	90 (2285)	90 (2285)	90 (2285)	90 (2285)	90 (2285)
36"	93 (2360)	92 (2335)	91 (2310)	91 (2310)	90 (2285)	89 (2260)
40"	98 (2490)	97 (2465)	97 (2465)	96 (2440)	96 (2440)	96 (2440)
42"	100 (2540)	99 (2515)	99 (2515)	99 (2515)	99 (2515)	98 (2490)
48"	107 (2720)	106 (2690)	106 (2690)	106 (2690)	106 (2690)	105 (2665)
60"	119 (3025)	119 (3025)	119 (3025)	119 (3025)	119 (3025)	118 (2995)

42" I.D. Base Legs, 5x4 Load Wheels, 4" Clearance Between Loads.

Add min. 6" clearance for ease of operation.

### SRX30ND

Load Length	Load Width					
	30"	36"	40"	42"	44"	48"
30"	88 (2235)	88 (2235)	88 (2235)	88 (2235)	88 (2235)	88 (2235)
36"	96 (2440)	95 (2415)	95 (2415)	95 (2415)	94 (2390)	94 (2390)
40"	100 (2540)	100 (2540)	100 (2540)	99 (2515)	99 (2515)	99 (2515)
42"	103 (2615)	102 (2590)	102 (2590)	102 (2590)	101 (2565)	101 (2565)
48"	109 (2770)	109 (2770)	108 (2745)	108 (2745)	108 (2745)	108 (2745)
60"	121 (3075)	121 (3075)	121 (3075)	121 (3075)	121 (3075)	121 (3075)

42" I.D. Base Legs, 5x4 Load Wheels, 4" Clearance Between Loads.

Add min. 6" clearance for ease of operation.

### SRX30LND

Load Length	Load Width					
	30"	36"	40"	42"	44"	48"
30"	92 (2335)	92 (2335)	92 (2335)	92 (2335)	92 (2335)	92 (2335)
36"	100 (2540)	100 (2540)	99 (2515)	99 (2515)	99 (2515)	98 (2490)
40"	105 (2665)	104 (2640)	104 (2640)	104 (2640)	104 (2640)	103 (2615)
42"	107 (2720)	106 (2690)	106 (2690)	106 (2690)	106 (2690)	106 (2690)
48"	113 (2870)	113 (2870)	113 (2870)	113 (2870)	113 (2870)	112 (2845)
60"	126 (3200)	126 (3200)	125 (3175)	125 (3175)	125 (3175)	125 (3175)

42" I.D. Base Legs, 5x4 Load Wheels, 4" Clearance Between Loads.

Add min. 6" clearance for ease of operation.

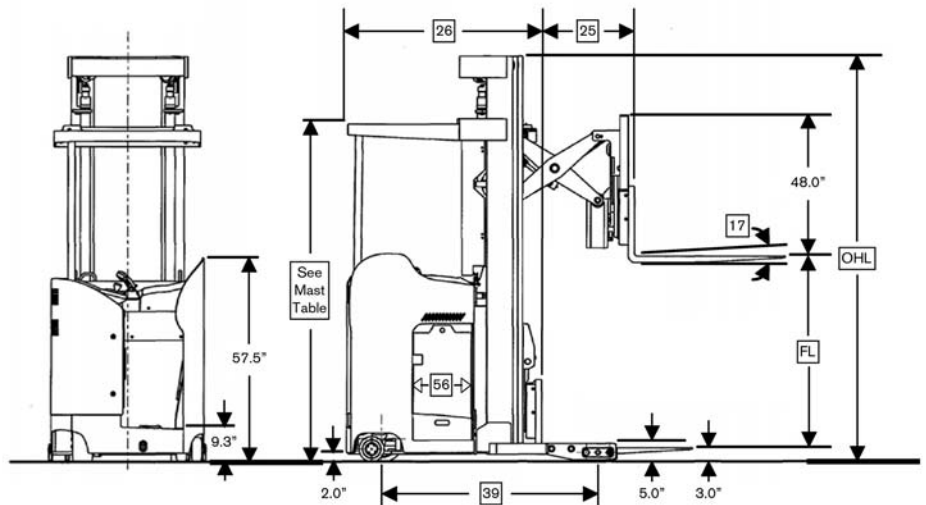
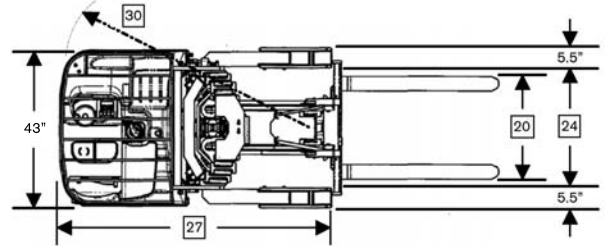
## Main Truck Specifications

				Nissan	Nissan	Nissan	
CHARACTERISTICS	1	Manufacturer's Name		Nissan	Nissan	Nissan	
	2	Model	Model designation	SRX35N	SRX45N	SRX45LN	
	3		Long model code	SM1H235NV	SM1H245NV	SG1H245NV	
	4	Wheelbase Type		STD	STD	LWB	
	5	Load Capacity	Rated capacity	lb (kg)	3500 (1750)	4500 (2250)	4500 (2250)
	6	Load Center	Distance	in (mm)	24 (610)	24 (610)	24 (610)
	7	Power Type	Electric	volt	36	36	36
	8	Reach Type			Single Reach	Single Reach	Single Reach
	9	Operator Orientation			Stand	Stand	Stand
	10	Tire Type	Load / Caster / Drive		Poly	Poly	Poly
	11	Wheels (x=driven)	Load / Caster / Drive		4 / 2 / 1x	4 / 2 / 1x	4 / 2 / 1x
DIMENSIONS	12	Mast	Max. fork height (MFH)	in (mm)	210 (5335)	210 (5335)	210 (5335)
	13		Mast lowered (OHL)	in (mm)	95 (2415)	95 (2415)	95 (2415)
	14		Standard freelif (FL) with LBR	in (mm)	47 (1195)	47.2 (1200)	47.2 (1200)
	15		Mast extended with LBR	in (mm)	260.3 (6615)	260.3 (6615)	260.3 (6615)
	16		Height - top of standard LBR	in (mm)	48 (1220)	48 (1220)	48 (1220)
	17	Tilt Angle	Standard carriage - fwd/back	degree	3° / 4°	3° / 4°	3° / 4°
	18	Forks	Width x thickness	in (mm)	4 x 1.5 (100 x 40)	4 x 1.75 (100 x 45)	4 x 1.75 (100 x 45)
	19		Length	in (mm)	42 (1070)	42 (1070)	42 (1070)
	20		Min. spread (o.d.)	in (mm)	8 (203)	8 (203)	8 (203)
	21		Max. spread (o.d.) <sup>1</sup>	in (mm)	31.5 (800)	31.5 (800)	31.5 (800)
	22		Fork lowered height (TOF)	in (mm)	3.0 (75)	3.2 (80)	3.2 (80)
	23	Outrigger	Height <sup>1</sup>	in (mm)	5.0 (130)	5.0 (130)	5.0 (130)
	24	Outrigger Width	I.D. min - max (in 1" increments)	in (mm)	33 - 50 (840 - 1270)	33 - 50 (840 - 1270)	33 - 50 (840 - 1270)
	25	Overall Dimensions	Maximum stroke	in (mm)	22.8 (580)	22.4 (570)	22.4 (570)
	26		Length (to face of forks)	in (mm)	54.1 (1375)	55.6 (1415)	60.1 (1525)
	27		Length (to face of outriggers)	in (mm)	74.5 (1895)	75.6 (1920)	80.0 (2035)
	28		Width - truck chassis	in (mm)	43.0 (1090)	43.0 (1090)	43.0 (1090)
	29		Height - top of OHG	in (mm)	93.5 (2375)	93.5 (2375)	93.5 (2375)
	30	Turning Radius	Minimum outside	in (mm)	69.4 (1760)	70.4 (1790)	74.9 (1900)
	31	Min. Right Angle Stack	48" L x 40" W pallet (add clearance) <sup>1</sup>	in (mm)	100 (2540)	102 (2590)	106 (2690)
PERFORMANCE	32	Speeds	Travel - loaded - fwd / rev	mph (kph)	6.4 (10.3) / 7.2 (11.6)	6.4 (10.3) / 7.2 (11.6)	6.4 (10.3) / 7.2 (11.6)
	33		Travel - unloaded - fwd / rev	mph (kph)	6.4 (10.3) / 7.2 (11.6)	6.4 (10.3) / 7.2 (11.6)	6.4 (10.3) / 7.2 (11.6)
	34		Lift - loaded	fpm (mm/sec)	70 (356)	70 (356)	70 (356)
	35		Lift - unloaded	fpm (mm/sec)	120 (610)	120 (610)	120 (610)
	36		Lower - loaded	fpm (mm/sec)	95 (483)	95 (483)	95 (483)
	37		Lower - unloaded	fpm (mm/sec)	87 (442)	87 (442)	87 (442)
CHASSIS & WHEELS	38	Truck Weight	210" Mast, empty, no battery	lb (kg)	6005 (2725)	6420 (2915)	6540 (2970)
	39	Wheelbase	Distance between axles on centers	in (mm)	59.0 (1500)	60.1 (1525)	64.6 (1640)
	40	Chassis Length		in (mm)	35.2 (895)	35.2 (895)	39.7 (1010)
	41	Step Height		in (mm)	9.3 (235)	9.3 (235)	9.3 (235)
	42	Ground Clearance	Center of wheelbase	in (mm)	2.0 (50)	2.0 (50)	2.0 (50)
	43		Under mast	in (mm)	2.0 (50)	2.0 (50)	2.0 (50)
	44	Tire Size	Drive tire	in (mm)	13 x 5.5 (330 x 140)	13 x 5.5 (330 x 140)	13 x 5.5 (330 x 140)
	45		Caster wheels - dual	in (mm)	7 x 2.87 (178 x 73)	7 x 2.87 (178 x 73)	7 x 2.87 (178 x 73)
	46		Load wheels - tandem	in (mm)	5 x 4 (127 x 100)	5 x 4 (127 x 100)	5 x 4 (127 x 100)
	47	Service Brake	Type		Regen	Regen	Regen
48	Parking Brake	Type		Electric Disc	Electric Disc	Electric Disc	
DRIVE LINE	49	Steering	On-demand		Electric	Electric	Electric
	50	Traction Motor	Type		AC Induction	AC Induction	AC Induction
	51		Control type		AC Inverter	AC Inverter	AC Inverter
	52		Rating - 60 minute	HP (kW)	8.0 (6.0)	8.0 (6.0)	8.0 (6.0)
	53	Pump Motor	Type		AC Induction	AC Induction	AC Induction
54	Rating - 5 minute		HP (kW)	18.8 (14)	18.8 (14)	18.8 (14)	
BATTERY	55	Recommended Size	Lead Acid		18-125-13	18-125-13	18-125-17
	56	Compartment Size	L	in (mm)	16.4 (415)	16.4 (415)	20.9 (530)
	57		W x H	in (mm)	38.7 x 32 (980 x 810)	38.7 x 32 (980 x 810)	38.7 x 32 (980 x 810)
	58	Amp Hr Capacity	Min / Max (6-hr)	Ah	600 / 930	600 / 930	880 / 1240
	59	Weight	Minimum / Maximum	lb (kg)	2060 (935) / 2305 (1045)		2600 (1180) / 3015 (1370)
	60	Battery Roller Height	From floor	in (mm)	6.2 (158)	6.2 (158)	6.2 (158)
	61	Lead Length	Position B / SB-350 Gray	in (mm)	24 (610)	24 (610)	24 (610)
62	Connector		type	SB-350 Gray	SB-350 Gray	SB-350 Gray	

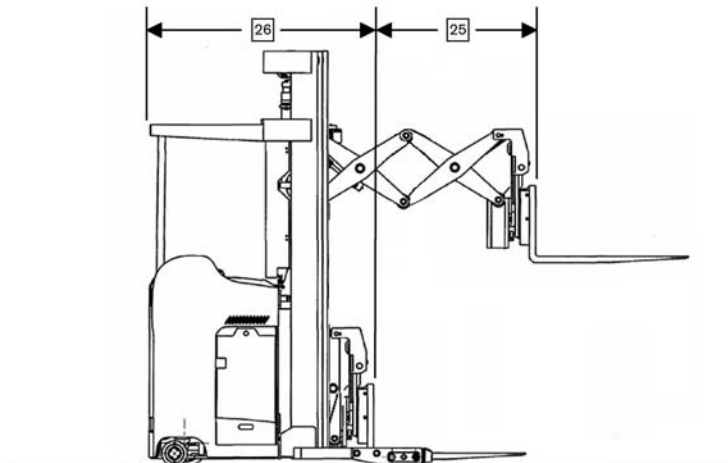
# 3,000 - 4,500 lb. capacity

Nissan	Nissan	1
SRX30ND	SRX30LND	2
DM1H230NV	DG1H230NV	3
STD	LWB	4
3000 (1500)	3000 (1500)	5
24 (610)	24 (610)	6
36	36	7
Double Reach	Double Reach	8
Stand	Stand	9
Poly	Poly	10
4 / 2 / 1x	4 / 2 / 1x	11
210 (5335)	210 (5335)	12
95 (2415)	95 (2415)	13
47 (1195)	47 (1195)	14
260.3 (6615)	260.3 (6615)	15
48 (1220)	48 (1220)	16
3° / 4°	3° / 4°	17
4 x 1.5 (100 x 40)	4 x 1.5 (100 x 40)	18
42 (1070)	42 (1070)	19
8 (203)	8 (203)	20
31.5 (800)	31.5 (800)	21
3.0 (75)	3.0 (75)	22
5.0 (130)	5.0 (130)	23
33 - 50 (840 - 1270)	33 - 50 (840 - 1270)	24
40.2 (1020)	40.2 (1020)	25
61.9 (1570)	66.3 (1685)	26
77.5 (1970)	82.0 (2085)	27
43.0 (1090)	43.0 (1090)	28
93.5 (2375)	93.5 (2375)	29
72.4 (1840)	76.8 (1950)	30
108 (2745)	113 (2870)	31
6.4 (10.3) / 7.2 (11.6)	6.4 (10.3) / 7.2 (11.6)	32
6.4 (10.3) / 7.2 (11.6)	6.4 (10.3) / 7.2 (11.6)	33
70 (356)	70 (356)	34
120 (610)	120 (610)	35
95 (483)	95 (483)	36
95 (483)	95 (483)	37
6715 (3045)	6835 (3100)	38
62.0 (1575)	66.5 (1690)	39
35.2 (895)	39.7 (1010)	40
9.3 (235)	9.3 (235)	41
2.0 (50)	2.0 (50)	42
2.0 (50)	2.0 (50)	43
13 x 5.5 (330 x 140)	13 x 5.5 (330 x 140)	44
7 x 2.87 (178 x 73)	7 x 2.87 (178 x 73)	45
5 x 4 (127 x 100)	5 x 4 (127 x 100)	46
Regen	Regen	47
Electric Disc	Electric Disc	48
Electric	Electric	49
AC Induction	AC Induction	50
AC Inverter	AC Inverter	51
8.0 (6.0)	8.0 (6.0)	52
AC Induction	AC Induction	53
18.8 (14)	18.8 (14)	54
18-125-13	18-125-17	55
16.4 (415)	20.9 (530)	56
38.7 x 32 (980 x 810)	38.7 x 32 (980 x 810)	57
600 / 930	880 / 1240	58
2060 (935) / 2305 (1045)	2600 (1180) / 3015 (1370)	59
6.2 (158)	6.2 (158)	60
24 (610)	24 (610)	61
SB-350 Gray	SB-350 Gray	62

**SRX35N  
SRX45N**



**SRX30ND**



## Technical Information

### Standard Equipment

1. 36-volt electrical system
2. AC-powered drive motor and hydraulic pump motor
3. Transistorized AC motor control
4. Motors and controller temperature protection
5. Multi-function LED display
6. Battery discharge indicator (BDI) with lift interrupt
7. Steer tire position indicator
8. Four hour meters
9. Speedometer
10. On-board diagnostics with built-in test equipment
11. Parking brake warning indicator
12. Small radius tiller steer control
13. On-demand electric power steering, with DC steer motor
14. 4-mode regenerative braking (plugging, foot brake, neutral brake, lift stop)
15. Auto-applied parking brake with anti-rollback
16. Multi-function control handle for fwd/rev travel control, horn, lift/lower, reach, tilt, and sideshift\*
17. Emergency power disconnect switch and auto power off
18. Infinitely variable lift/lower speed control
19. Nissan's operator presence system includes mast-lockout
20. Side-stance operator compartment with low step height
21. Anti-fatigue cushioned back, arm-rest, and knee padding
22. Adjustable height operator backrest padding
23. Angled floorboard
24. Integrated convenience tray
25. Safety glass mast guard
26. Battery rollers and removable side gates
27. Triplex mast: 210" MFH / 95" OHL
28. 48" high load backrest
29. 33" - 50" I.D. base legs
30. 5" x 4" tandem load wheels
31. Anti-static ground strap
32. U.L. "E" rating

### Optional Equipment

1. Variety of available mast heights
2. Standard or polished and tapered forks in a variety of lengths
3. Integral side shifter

4. 36" high load backrest
5. Single, narrow or low profile load wheels
6. Automatic fork height selector
7. Digital fork height indicator
8. Operator light and fan
9. Front LED headlights
10. Rear LED work light
11. Strobe light and travel alarms
12. Fire extinguisher
13. Reverse steering
14. Wire mesh mast guard
15. Freezer package for environments from 32° F (0° C) to -20° F (-29° C)
16. U.L. "EE" rating (16.4" battery only)

### Enhanced Operator Comfort and Productivity

The Platinum SRX Series offers a variety of operator conveniences for enhanced comfort and increased productivity. Entry and exit is simplified due to a low step height, resulting in less operator fatigue. Its open compartment design includes a wrap-around console including an integrated clipboard holder and storage cup. The truck's side stance design provides comfortable forward or reverse driving, and includes a gently sloped floorboard, offering a relaxed driving position. The operator platform includes a wide, dual-pedal system for greater operator control. Its brake release pedal is on the left, with an operator presence pedal on the right.

To minimize bodily stresses from standing throughout a shift or riding over rough warehouse floors, the floorboard sits atop four vibration isolators. Combined with its cushioned floor mat, the SRX provides a smoother, more enjoyable ride. Operator comfort is further enhanced with thick padding located beneath the operator's arm, a height-adjustable cushioned backrest, and knee pad.

A rear overhead guard post and high operator backrest on the SRX provide added protection for the operator, which is especially important when working in tight areas around racking.

Nissan's intuitive, multi-function handle is ergonomically designed to reduce operator effort, resulting in more accurate, precise control. Operational commands including drive, lift and lower, horn, reach, and sideshift\* (or other auxiliary function) can be performed by this single handle. Its design helps prevent unintentional operator commands from occurring, by allowing the operator to rest his or her right hand on the controller without initiating truck movement.

Increased operator productivity is realized through customizable speed settings, which are available for the truck's lift, tilt, reach and sideshift operations.

A small diameter tiller and electronic power steering allow greater control and maneuverability with less effort.

The dash includes an LED display to communicate truck status and warnings to the operator including: travel speed, battery capacity, hour meter, parking brake warning, and steer wheel position.

The SRX Series' standard safety features include: Mast Lock (automatically locking mast lift and tilt) when the operator presence pedal is released, Lift Control (restricting lift speed at faster travel speeds), reduced travel speed at high lift heights, and Ramp Hold (automatic parking brake), ideal for trucks using push-back racks.

The overhead guard's design incorporates wide slots for maximum upward visibility during high reach operations allowing for easier load handling and increased operator efficiency.

### Features for Reduced Battery Consumption

The advanced AC control system on Nissan's SRX Series ensures that travel and hydraulic motors are running at peak efficiency. By continually monitoring operator commands, the control system ensures the exact response needed is achieved, and energy is not wasted.

Its on-demand electronic power steering system produces quieter operation, while less energy is required from the battery. And four-mode regenerative braking transforms kinetic energy into electrical energy flowing back to the battery, for longer operation.

The auto-power off system shuts off truck power after 15 minutes of non-operation.

A programmable Battery Discharge Indicator offers a means to better match actual battery usage patterns for a typical discharge rate, in order to help produce reliable battery life.

### Battery and Electrical

Incorporating a 36-volt electrical system, the motor controllers feature transistorized power inverters for DC to three phase AC power conversion.

An emergency stop/power disconnect button shuts off truck power in case of an emergency.

### Brake System

Adjustable, regenerative braking brings the truck to a smooth, controlled stop when the foot brake is released, the direction lever is in neutral, or while plugging.

The disc brake is applied automatically when the truck travel speed is zero and no direction command has been given. This spring applied/electronic released disc brake is mounted directly to the drive motor, with no brake cylinder or hydraulic brake fluid requiring service.

### Chassis & Outrigger

The SRX Series' rugged frame design features a compact design for enhanced maneuverability. The reinforced overhead guard design allows easy replacement should individual components become damaged.

A dual-spring caster suspension system design offers smoother, more stable operation over rough driving surfaces. Dual, articulating caster wheels minimize tire scrubbing when pivoting.

\*If equipped

# Technical Information **Platinum SRX Series**

Outriggers are welded on to the mast frame producing a strong, rugged design for stability and support. Bolt-on load wheel boxes simplify maintenance, enhancing productivity.

## **Mast and Reach Design**

A clear-view, full free lift, 210" MFH/95" OHL three stage mast, with safety glass guard, provides an unobstructed view of the load and enhances operator safety.

This rugged, high visibility mast incorporates an interlocking channel and I-beam, with heavy-duty mast rollers, for greater durability and longer life.

The rugged single and double reach mechanism used on the

SRX Series features a scissor pantograph design, incorporating dual reach cylinders, providing strength and durability to increase component life while handling large loads.

The retract function is hydraulically cushioned for smooth operation, with programmable speed for customized performance.

## **Drive Unit**

The rugged AC drive motor offers high power and quick response. The stationary drive motor eliminates cable flexing during steering.

## **Hydraulics**

A powerful AC motor drives the

hydraulic pump for all load handling operations performed by the SRX Series mast.

## **Lower Ownership Costs**

The SRX Series features brushless, AC-powered drive and hydraulic pump motors with a single contactor design. This results in fewer serviceable parts, such as commutators, contactors, and brushes. Lower overall operating costs are achieved by eliminating expenses related to inspection and replacement of these items.

When scheduled maintenance is required, the SRX provides exceptional access through its removable top panels and swing-out side panel.

The SRX controller includes a built-in test-equipment module with onboard diagnostics and coded service history, logged by hour meter reading. The smart LED meter panel offers an intuitive on-board diagnostics display, and access to the truck's service history, making troubleshooting faster and easier, for less downtime and more productive working hours.

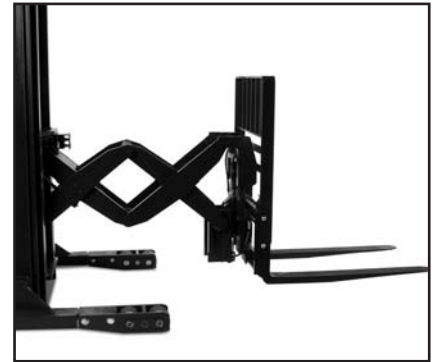
As a safeguard for your investment, all AC motors and controllers on the SRX have thermal protection as standard. In the event that overheating occurs, a warning will alert the operator, immediately followed by a reduction in the truck's performance level.



The operator's dash includes an ergonomic layout of its instruments, such as an easy to read digital display, small radius tiller for tighter control and an intuitive multi-function handle.



The smart design of the multi-functional control handle places soft touch buttons within easy reach, without twisting or turning the wrist. The handle's contoured shape offers a natural cradle for the operator's hand, while a cushioned armrest provides added support during operation.



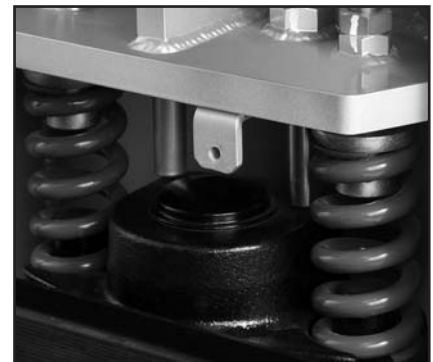
A rugged internally nested carriage, incorporates a compact design, with a full 22" stroke (single reach) or 40" (double reach). Its dual reach cylinders reduce stress and distortion, while evenly distributing the load for reduced shock and wear.



Optional rear strobe and work lights are ideal for providing added safety in busy or congested areas of the warehouse.



Choose the optional automatic fork height selector to save valuable time during storage and retrieval operations, for increased operator productivity.



Greater stability and a smoother ride are achieved due to a dual spring suspension system in the caster wheel design. This design assists in maintaining a consistent load on the drive wheel for improved traction, steering and brake control during operation.

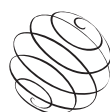
# Option Availability

## Platinum SRX Series - Rider Reach & Rider Double Reach Models

Standard  S Option  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
	Automatic fork height selector	O	O	O
	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	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
	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 control	S	S	S
	Steer tire position indicator	S	S	S
Brake	4-mode regen braking	S	S	S
	Automatic parking brake with anti-rollback	S	S	S
Hydraulic System	AC hydraulic pump motor	S	S	S
	Proportional lift and lower	S	S	S
Operator Conveniences	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
	Strobe lights	O	O	O
	Wire mesh mast guard	O	O	O

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



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