

UNICARRIERS®

□ FORKLIFT □



Single & Double Reach Trucks

36 Volt AC-Powered

3,500 & 4,500 lbs. Capacities | Single Reach

3,000 lbs. Capacity | Double Reach

SRX Series

S P E C I F I C A T I O N S

MAIN TRUCK SPECIFICATIONS

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

MAIN TRUCK SPECIFICATIONS

1	UniCarriers	UniCarriers	UniCarriers	UniCarriers
2	SRX45N	SRX45LN	SRX30ND	SRX30LND
3	SM1H245NV	SG1H245NV	DM1H230NV	DG1H230NV
4	Standard	Long Wheelbase	Standard	Long Wheelbase
5	4500 (2250)	4500 (2250)	3000 (1500)	3000 (1500)
6	24 (610)	24 (610)	24 (610)	24 (610)
7	36	36	36	36
8	Single Reach	Single Reach	Double Reach	Double Reach
9	Stand	Stand	Stand	Stand
10	Poly	Poly	Poly	Poly
11	4 / 2 / 1x	4 / 2 / 1x	4 / 2 / 1x	4 / 2 / 1x
12	210 (5335)	210 (5335)	210 (5335)	210 (5335)
13	95 (2415)	95 (2415)	95 (2415)	95 (2415)
14	47.2 (1200)	47.2 (1200)	47 (1195)	47 (1195)
15	260.3 (6615)	260.3 (6615)	260.3 (6615)	260.3 (6615)
16	48 (1220)	48 (1220)	48 (1220)	48 (1220)
17	3° / 4°	3° / 4°	3° / 4°	3° / 4°
18	4 x 1.75 (100 x 45)	4 x 1.75 (100 x 45)	4 x 1.5 (100 x 40)	4 x 1.5 (100 x 40)
19	42 (1070)	42 (1070)	42 (1070)	42 (1070)
20	8 (203)	8 (203)	8 (203)	8 (203)
21	31.5 (800)	31.5 (800)	31.5 (800)	31.5 (800)
22	3.2 (80)	3.2 (80)	3.0 (75)	3.0 (75)
23	5.0 (130)	5.0 (130)	5.0 (130)	5.0 (130)
24	33 - 50 (840 - 1270)	33 - 50 (840 - 1270)	33 - 50 (840 - 1270)	33 - 50 (840 - 1270)
25	22.4 (570)	22.4 (570)	40.2 (1020)	40.2 (1020)
26	55.6 (1415)	60.1 (1525)	61.9 (1570)	66.3 (1685)
27	75.6 (1920)	80.0 (2035)	77.5 (1970)	82.0 (2085)
28	43.0 (1090)	43.0 (1090)	43.0 (1090)	43.0 (1090)
29	93.5 (2375)	93.5 (2375)	93.5 (2375)	93.5 (2375)
30	70.4 (1790)	74.9 (1900)	72.4 (1840)	76.8 (1950)
31	102 (2590)	106 (2690)	108 (2745)	113 (2870)
32	6.4 (10.3) / 7.2 (11.6)	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	6.4 (10.3) / 7.2 (11.6)	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	70 (356)	70 (356)	70 (356)	70 (356)
35	120 (610)	120 (610)	120 (610)	120 (610)
36	95 (483)	95 (483)	95 (483)	95 (483)
37	87 (442)	87 (442)	95 (483)	95 (483)
38	6420 (2915)	6540 (2970)	6715 (3045)	6835 (3100)
39	60.1 (1525)	64.6 (1640)	62.0 (1575)	66.5 (1690)
40	35.2 (895)	39.7 (1010)	35.2 (895)	39.7 (1010)
41	9.3 (235)	9.3 (235)	9.3 (235)	9.3 (235)
42	2.0 (50)	2.0 (50)	2.0 (50)	2.0 (50)
43	2.0 (50)	2.0 (50)	2.0 (50)	2.0 (50)
44	13 x 5.5 (330 x 140)	13 x 5.5 (330 x 140)	13 x 5.5 (330 x 140)	13 x 5.5 (330 x 140)
45	7 x 2.87 (178 x 73)	7 x 2.87 (178 x 73)	7 x 2.87 (178 x 73)	7 x 2.87 (178 x 73)
46	5 x 4 (127 x 100)	5 x 4 (127 x 100)	5 x 4 (127 x 100)	5 x 4 (127 x 100)
47	Regen	Regen	Regen	Regen
48	Electric Disc	Electric Disc	Electric Disc	Electric Disc
49	Electric	Electric	Electric	Electric
50	AC Induction	AC Induction	AC Induction	AC Induction
51	AC Inverter	AC Inverter	AC Inverter	AC Inverter
52	8.0 (6.0)	8.0 (6.0)	8.0 (6.0)	8.0 (6.0)
53	AC Induction	AC Induction	AC Induction	AC Induction
54	18.8 (14)	18.8 (14)	18.8 (14)	18.8 (14)
55	18-125-13	18-125-17	18-125-13	18-125-17
56	16.4 (415)	20.9 (530)	16.4 (415)	20.9 (530)
57	38.7 x 32 (980 x 810)	38.7 x 32 (980 x 810)	38.7 x 32 (980 x 810)	38.7 x 32 (980 x 810)
58	600 / 930	880 / 1240	600 / 930	880 / 1240
59	2060 (935) / 2305 (1045)	2600 (1180) / 3015 (1370)	2060 (935) / 2305 (1045)	2600 (1180) / 3015 (1370)
60	6.2 (158)	6.2 (158)	6.2 (158)	6.2 (158)
61	24 (610)	24 (610)	24 (610)	24 (610)
62	SB-350 Gray	SB-350 Gray	SB-350 Gray	SB-350 Gray

MAST SPECIFICATIONS

SRX35 Single Reach

Mast Name	Overhead Guard Height	Maximum Fork Height*	Overall Height			Freelift		Tilt Angle Forward/Backward	
			Lowered	Fully Extended		With LBR	Without LBR		
				With LBR	Without LBR				
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	degrees		
THREE STAGE (Full free)	3F198	87.5 (2225)	198 (5030)	89 (2260)	247.8 (6295)	234.7 (5960)	41.0 (1040)	54.1 (1375)	3/4
	3F210	93.5 (2375)	210 (5335)	95 (2415)	260.3 (6615)	247.2 (6280)	47.0 (1195)	60.1 (1530)	3/4
	3F240	93.5 (2375)	240 (6095)	107 (2720)	290.4 (7380)	277.3 (7045)	59.0 (1500)	72.1 (1830)	3/4
	3F270	93.5 (2375)	270 (6860)	119 (3025)	320.5 (8140)	307.4 (7810)	71.0 (1805)	84.1 (2140)	3/4

*Top of fork

SRX45 Single Reach

Mast Name	Overhead Guard Height	Maximum Fork Height	Overall Height			Freelift		Tilt Angle Forward/Backward	
			Lowered	Fully Extended		With LBR	Without LBR		
				With LBR	Without LBR				
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	degrees		
THREE STAGE (Full free)	3F198	87.5 (2225)	198 (5030)	89 (2260)	247.8 (6295)	234.7 (5960)	41.2 (1045)	54.3 (1380)	3/4
	3F210	93.5 (2375)	210 (5335)	95 (2415)	260.3 (6615)	247.2 (6280)	47.2 (1200)	60.3 (1535)	3/4
	3F240	93.5 (2375)	240 (6095)	107 (2720)	290.4 (7380)	277.3 (7045)	59.2 (1505)	72.3 (1840)	3/4
	3F258	93.5 (2375)	258 (6555)	113 (2870)	308.4 (7835)	295.3 (7500)	65.2 (1655)	78.3 (1990)	3/4
	3F270	93.5 (2375)	270 (6860)	119 (3025)	320.5 (8140)	307.4 (7810)	71.2 (1810)	84.3 (2145)	3/4
	3F300	93.5 (2375)	300 (7620)	131 (3330)	350.6 (8905)	337.5 (8570)	83.2 (2115)	96.3 (2450)	3/4
	3F330	93.5 (2375)	330 (8380)	149 (3785)	380.5 (9665)	367.4 (9335)	101.2 (2570)	114.3 (2905)	3/4

SRX30D Double Reach

Mast Name	Overhead Guard Height	Maximum Fork Height	Overall Height			Freelift		Tilt Angle Forward/Backward	
			Lowered	Fully Extended		With LBR	Without LBR		
				With LBR	Without LBR				
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	degrees		
THREE STAGE (Full free)	3F198	87.5 (2225)	198 (5030)	89 (2260)	247.8 (6295)	234.7 (5960)	41.0 (1040)	54.1 (1375)	3/4
	3F210	93.5 (2375)	210 (5335)	95 (2415)	260.3 (6615)	247.2 (6280)	47.0 (1195)	60.1 (1530)	3/4
	3F240	93.5 (2375)	240 (6095)	107 (2720)	290.4 (7380)	277.3 (7045)	59.0 (1500)	72.1 (1835)	3/4
	3F258	93.5 (2375)	258 (6555)	113 (2870)	308.4 (7835)	295.3 (7500)	65.0 (1650)	78.1 (1985)	3/4
	3F270	93.5 (2375)	270 (6860)	119 (3025)	320.5 (8140)	307.4 (7810)	71.0 (1805)	84.1 (2140)	3/4
	3F300	93.5 (2375)	300 (7620)	131 (3330)	350.6 (8905)	337.5 (8570)	83.0 (2110)	96.1 (2445)	3/4
	3F330	93.5 (2375)	330 (8380)	149 (3785)	380.5 (9665)	367.4 (9335)	101.0 (2565)	114.1 (2900)	3/4

OUTRIGGER (BASE LEG) REQUIREMENTS

SRX35N, SRX45N, SRX45LN

Base Leg Type	Load Wheel	Outriggers (Base Legs)				
		Inner Dimension (I.D.)				Outside Dimension
		Minimum I.D.			Maximum I.D.	
		No Sideshifter	2x2 Sideshifter	4x4 Sideshifter		Add to I.D.
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 ¹	33 ¹	37 ²	50	+ 9"
Low Profile	4"d x 3"w Tandem	33 ¹	33 ¹	37 ²	50	+ 9"

SRX30ND, SRX30LND

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"

¹I.D. Minimum=35" with 3F330 Mast ²I.D. Minimum=38" with 3F330 Mast

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.

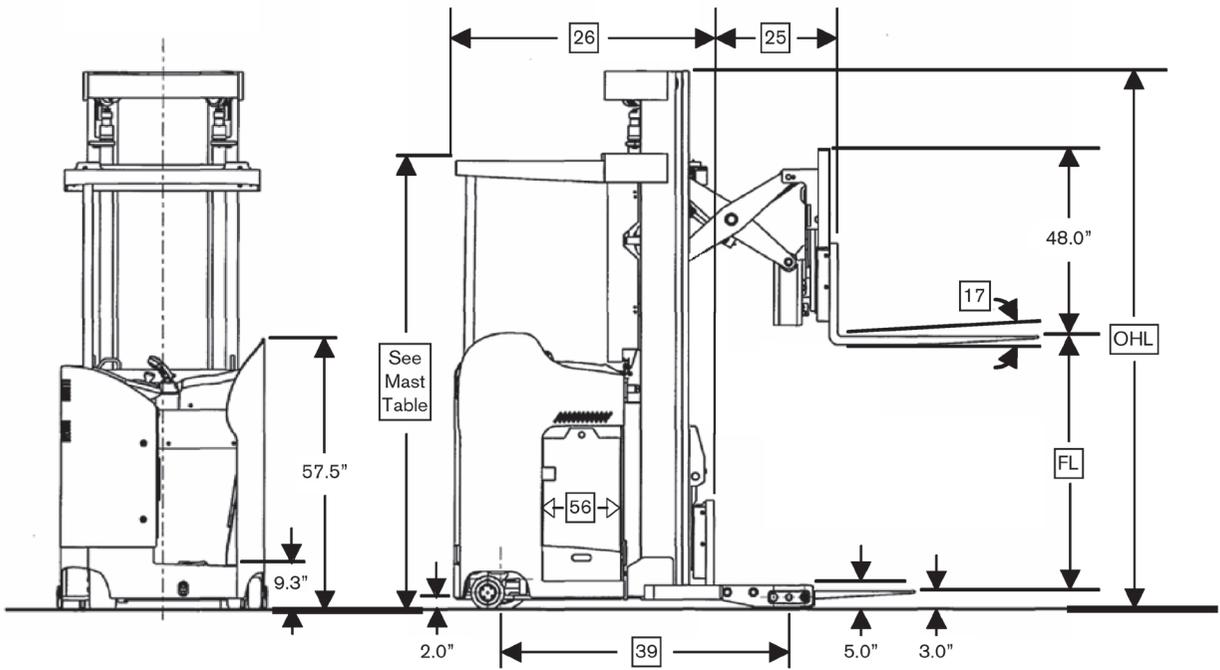
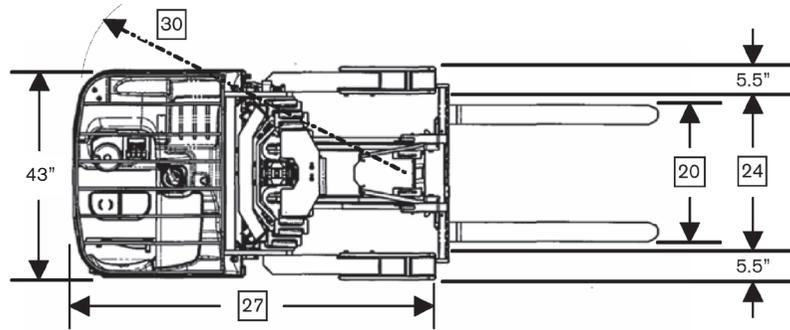
SRX30LND

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)

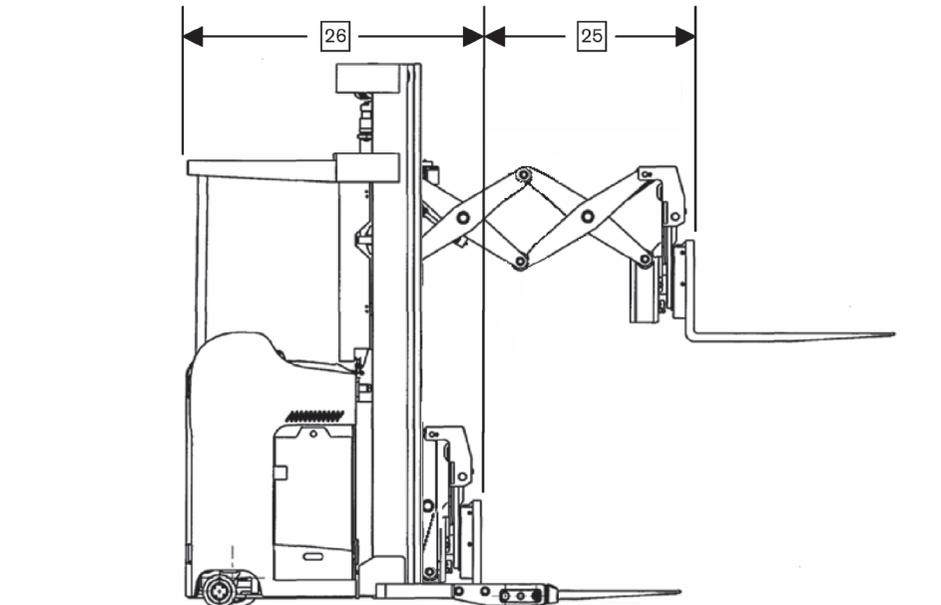
42" I.D. Base Legs, 5x4 Load Wheels, 4" Clearance Between Loads. Add min. 6" clearance for ease of operation.

DIMENSIONS

**SRX345
SRX45N**



SRX30ND



ERGONOMICS & COMFORT

The SRX Series offers a variety of operator conveniences for greater productivity including a low step height, resulting in less fatigue due to frequent entry/exit from the truck. Its open compartment design includes a wrap-around console with integrated clipboard holder and storage cup. A side stance design provides comfortable forward or reverse driving, and includes a gently sloped floorboard, for a relaxed driving position. The operator platform includes a wide, dual-pedal system for greater operator control. (Brake release pedal is on the left, with an operator presence pedal on the right.)

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' operator presence system features Auto-Mast Lock, automatically locking mast lift and tilt when the operator presence pedal is released. Its Lift Control feature restricts lift speed at faster travel speeds and travel speed reduction occurs at high lift heights. It ramp hold, or automatic parking brake, is ideal in applications with push-back racks.

On-demand, AC controlled hydraulic power steering reduces operator effort for easier maneuvering and less fatigue. 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 and confidence for the operator, important for working in tight areas or around racking.

EFFICIENCY & CONTROL

The SRX Series' 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. It's designed to help prevent unintentional operator commands from occurring, by allowing the operator's right hand to rest on the controller without initiating truck movement.

Increased operator productivity is realized through customizable speed settings. 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 overhead guard has a wide slot design for maximum upward visibility during high reach operations, promoting easier load handling and increased operator efficiency.

LOWER OPERATING 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 easy 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 reduced 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 SRX Series' rugged frame design features a compact design for enhanced maneuverability. The rugged 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.

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.

EFFICIENT PERFORMANCE & GREATER UPTIME

The SRX Series' AC motor and controller system features MOS-FET power inverters for DC to three phase AC power conversion. Thermal sensors help protect both motors and controller against overheating. Warning indicator will advise operator if overheating has occurred, followed by reduced operations. Data is automatically locked into truck's service history to assist the technician.

The advanced AC control system 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.

The SRX Series' controller provides lower battery consumption and optimum operating efficiencies through regenerative braking, and on-demand power steering. Advanced regenerative braking technologies help reclaim energy using four efficient operations (plugging, operator presence, neutral braking and brake pedal), contributing to lower power consumption and longer operating hours. Regeneration also results in reduced heat generation and component wear, for long-term savings.

Adjustable auto-power off feature cuts power to the truck's electrical system if unit sits idle for a programmed period of time.

RUGGED & DURABLE

A clear-view, full free lift, 210" MFH/95" OHL three stage mast, with plexiglass 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.

Quieter, more efficient helical gearing increases durability while reducing noise levels. Service brakes use a standard drum type.

STANDARD EQUIPMENT

- 36-volt electrical system
- AC-powered drive motor and hydraulic pump motor
- Transistorized AC motor control
- Motors and controller temperature protection
- Multi-function LED display
- Battery discharge indicator (BDI) with lift interrupt
- Steer tire position indicator
- Four hour meters
- Speedometer
- On-board diagnostics with built-in test equipment
- Parking brake warning indicator
- Small radius tiller steer control
- On-demand electric power steering, with DC steer motor
- 4-mode regenerative braking (plugging, foot brake, neutral brake, lift stop)
- Auto-applied parking brake with anti-rollback
- Multi-function control handle for fwd/rev travel control, horn, lift/lower, reach, tilt, and sideshift*
- Emergency power disconnect switch and auto power off
- Infinitely variable lift/lower speed control
- Operator presence system including mast-lockout
- Side-stance operator compartment with low step height
- Anti-fatigue cushioned back, arm rest, and knee padding
- Adjustable height operator backrest padding
- Angled floorboard
- Integrated convenience tray
- Plexiglass mast guard
- Battery rollers and removable side gates
- Triplex mast: 210" MFH / 95" OHL
- 48" high load backrest
- 33" - 50" I.D. base legs
- 5" x 4" tandem load wheels
- Anti-static ground strap
- U.L. "E" rating

OPTIONAL EQUIPMENT

- Variety of available mast heights
- Standard or polished and tapered forks in a variety of lengths
- Integral side shifter
- 36" high load backrest
- Single, narrow or low profile load wheels
- Automatic fork height selector
- Digital fork height indicator
- Operator light and fan
- Front LED headlights
- Rear LED work light
- Strobe light and travel alarms
- Fire extinguisher
- Reverse steering
- Wire mesh mast guard
- Freezer package for environments from 32° F (0° C) to -20° F (-29° C)
- U.L. "EE" rating (16.4" battery only)



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