

STACKERS

MANUAL, SEMI-ELECTRIC & FULLY ELECTRIC
2200-3500LB

EMSA3300X



ES35AX/STX-EPS-RIDER**
ES35AX/STX-EPS**



ESR30ACX-IND*



ES30CAX*



ES30AX/STX

EPS*
(electric power steering)
available in
select models

A PERFECT FIT FOR ANY APPLICATION

Designed for Exceptional Maneuverability, Ergonomic Operation, and Ease of Service

Stärke LiftMaxx industrial quality pallet trucks are manufactured in a ISO9001-2008 and ISO14001-2004 accredited facility and meet or exceed all current ANSI B56.1 and CSA B335 standards. All units are designed with the safety, ergonomics, ease of service and with value in mind.

Every unit is backed by a 1 year limited warranty and a network of knowledgeable authorized dealers throughout North America.



FULLY ELECTRIC STACKERS											
								FORK OVER	COUNTERBALANCE	REACH	
			ES20SDX	ES30SDX	ES30STX	ES35SDX-EPS**	ES35STX-EPS**	ES35XE-EPS**	ES30CAX*	ESR30ACX-IND*	
Characteristics	Load capacity	LBS	2200	3000		3500		3500	3000	3000	
	Drive / Operation type	Type	Electric - Walkie	Electric - Walkie		Electric - Walkie		Electric - Walkie	Electric - Walkie	Electric - Walkie	
	Load centre distance	IN	24	24		24		24	24	24	
	Wheel number, front/rear (x = driving wheel)	#	1x + 1/4	1x + 1/2	1x + 1/4	1x + 2/4		1x + 2/4	1x + 2	1x + 1/2	
	Tread, front	IN	20.6	20.5		22.8		22.8	0.0	26.4	
	Tread, rear	IN	40.0 - 55.7	42.0 - 57.7	40.9 - 56.3	40.9 - 56.3		15.9 - 20.9	35.0	43.1	
	Wheels	Type	polyurethane	polyurethane		polyurethane		polyurethane	polyurethane	polyurethane	
	Wheel dimension, front	IN	Φ7.7 x 2.8	Φ9.8x2.8		Φ9.8 x 2.8		Φ9.8 x 2.8	Φ9.8 x 2.8	Φ9.8 x 3.2	
	Wheel dimension, rear	IN	Φ3.9 x 3.1	Φ3.9 x 3.2	Φ3.1 x 3.3	Φ3.1 x 3.3		Φ3.1 x 3.3	Φ7.9 x 3.9	Φ4.9 x 3.2 (4)	
	Wheelbase	IN	51.2	57.5	55.9	57.5	55.7	54.3	54.3	53.1	
Dimensions	Max. lift height	IN	63.0 / 98.4 / 118.1	98.4 / 118.1	177.1 / 196.9 / 220.5	98.0 / 118.2	177.1 / 196.9 / 220.5	177.2 / 196.9 / 220.5	177.2 / 196.9 / 220.5	177.2 / 196.9 / 216.5	
	Mast height, extended	IN	84.4 / 122.0 / 141.7	123.8 / 143.5	138.7 / 218.9 / 242.5	116.3 / 138.8	200.0 / 218.9 / 242.5	198.0 / 216.9 / 240.6	216.5 / 236.2 / 259.8	219.3 / 239.0 / 258.7	
	Free Lift Height	IN	x	x	61.8 / 68.5 / 76.4	x	61.8 / 68.5 / 76.3	61.8 / 68.5 / 76.4	59.1 / 65.7 / 73.6	62.0 / 66.9 / 71.9	
	Mast height, lowered	IN	84.4 / 74.6 / 84.4	74.6 / 84.4	83.5 / 89.8 / 97.6	68.3 / 81.0	83.5 / 89.8 / 97.6	80.7 / 87.0 / 94.9	80.7 / 88.0 / 95.9	86.6 / 92.9 / 99.2	
	Fork height, lowered	IN	3.5	3.5	2.8	2.8		3.5	2.8	1.6	
	Ground Clearance	IN	1.6	1.4		1.4		1.2	2.2	2.6	
	Overall length - w/o platform (with platform)	IN	70.9	82.5	79.5 (97.7)	79.5		79.5 (97.7)	104.3	86.2	
	Overall width	IN	44.6-60.3	46.5 - 62.7	46.1 - 61.4	46.1 - 61.4		33.5	39.0	48.8 - 63.0	
	Inside Straddle (min-max)	IN	Adj/ 35.4 - 51.2	Adj/ 37.4 - 53.1	Adj/ 35.8 - 51.2	Adj/ 35.8 - 51.2		F/ 13.2	F/ 35.0	50.0 - 60.0	
	Outside Straddle (min-max)	IN	Adj/ 48.0 - 63.8	Adj/ 46.5 - 62.3	Adj/ 46.1 - 61.4	Adj/ 46.1 - 61.4		F/ 27.4	F/ 42.9	61.0 - 71.0	
	Fork length	IN	42.1	42.1		42.1		42.1	42.1	42.1	
	Fork width	IN	2.4	3.9		3.9		7.1	3.9	3.9	
	Aisle width, w/pallet 39"x47" w - w/o platform (w/platform)	IN	91.9	99.6	97.6	101.0 (119.2)		99.8 (118.0)	116.1	103.5	
	Aisle width, w/pallet 32"x47" l - w/o platform (w/platform)	IN	89.9	98.4	97.0	100.2 (118.4)		99.0 (118.0)	120.9	103.5	
Performance	Turning radius	IN	58.7	65.2	63.4	66.7		65.2	61.8	68.1	
	Battery box dimension (LxWxH)	IN	14 x 7.8 x 9.4	31.9 x 10.4 x 13.0	30.0 x 10.4 x 20.1	30.0 x 10.4 x 21.7	30.0 x 10.4 x 22.0	30.0 x 10.4 x 20.1	32.4 x 11.0 x 24.8	32.4 x 11.0 x 21.4	
	Battery weight	LBS	133.8	352	660	484	572	572	792	605	
	Service weight (with battery)	LBS	1276	2200	3311	3322		3322	4576	4950	
	Traveling speed, laden/unladen	MPH	2.8 / 3.1	3.6	3.7	4.0 / 4.2		4.0 / 4.2	3.6 / 3.7	3.0 / 3.1	
	Lifting speed, laden/unladen	IN/S	2.4 / 5.1	2.4 / 5.1	4.3 / 5.9	3.9 / 5.5		4.3 / 5.5	4.7 / 7.5	3.7 / 4.7	
	Lowering speed, laden/ unladen	IN/S	5.1 / 3.9	5.1 / 3.9	4.7 / 4.7	6.3 / 5.1		6.3 / 5.1	16.5 / 16.1	7.9 / 5.9	
	Max. gradeability, laden/unladen	%	6 / 15	6 / 15	8 / 15	6 / 15	8 / 15	8 / 15	6 / 10	5 / 12	
	Driving System	Battery type		Industrial	Industrial		Industrial		Industrial	Industrial	Industrial
		Battery voltage/rated capacity	v/Ah	24 / 100	24 / 200	24 / 300	24 / 240	24 / 300	24 / 300	24 / 320	24 / 320
Charger		Type	On-Board	On-Board		On-Board		On-Board	On-Board	Off Board	
Driving motor power		HP	0.87 (DC)	1.6 (AC)		1.6 (AC)		1.6 (AC)	1.6 (AC)	1.5 (AC)	
Lifting motor power		HP	2.9 (DC)	3.0 (DC)	4.0 (DC)	4.0 (DC)		4.0 (DC)	2.7 (DC)	4 / 4.5	
Control system		Type	Curtis 1230	Curtis 1230	Curtis 1232	Curtis 1230	Curtis 1232	Curtis 1232	Curtis 1230	Curtis 1234	
Service brake		Type	Electromagnetic	Electromagnetic		Electromagnetic		Electromagnetic	Electromagnetic	Electromagnetic	

* EPS is an option on this unit.
** Available with or without fold down platform. Models with platforms will end with "-RIDER".

All factory specifications are subject to change without notice.
REV 04/16

MANUAL & SEMI-ELECTRIC STACKERS

		MSA3300X	EMSA3300X
Load capacity	LBS	3300	3300
Drive / Operation type	Type	Manual - Walkie	Semi-Electric - Walkie
Load centre distance	IN	24	24
Max. lift height	IN	118.1	118.1
Fork height, lowered	IN	2.8	3.5
Ground Clearance	IN	1.0	1.4
Overall length	IN	58.4	71.2
Overall width	IN	59.4	44.6 - 60.3
Inside Straddle (min-max)	IN	Fixed/ 50.4	Adj/ 35.4-53.1
Outside Straddle (min-max)	IN	Fixed/ 59.4	Adj/ 44.6-60.3
Fork length	IN	42.1	42.1
Turning radius	IN	47.1	62.7
Battery dimension (LxWxH)	IN	-	14.2 x 6.7 x 9.8
Battery box dimension (LxWxH)	IN	-	14.6 x 7.1 x 10.2
Battery weight	LBS	-	99
Service weight (with battery)	LBS	770	1210
Lifting speed, laden/unladen	IN/S	manual control	3.1 / 3.9
Lowering speed, laden/ unladen	IN/S	manual control	5.9 / 4.7
Battery type		-	12v Battery Tray
Battery voltage/rated capacity	v/Ah	-	12 / 120
Charger, 110v plug-in	Type	-	On-Board



Stärke Material Handling Group is committed to providing a broad selection the toughest trucks for the most challenging applications. Every model is designed to deliver optimal efficiency, comprehensive operator ergonomics and safety, and unsurpassed reliability at an unbeatable value for your dollar.

Our family of products provides a solution for every material handling situation. From manual and electric pallet trucks, stackers, reach trucks and order pickers, three and four wheel electric forklifts, and up to 22,000 lb internal combustion engine forklifts - every piece of equipment we sell is backed by first class warranties, a fully stocked parts department, and a dealer network with factory trained technicians.

Stärke is German for 'strength' and it perfectly describes how we deliver in design, customer service and value. It describes our commitment to worker safety and to our products themselves, each built for years of trouble free service.



ISO 14001-2004

Our factory has adopted an effective environmental management system (EMS) that helps to support environmental protection and prevention of pollution. In doing so, we can effectively measure and reduce our environmental footprint.

ISO 9001:2008

We take pride in the fact our factory has a certified quality management system in design, development, manufacturing & service.

ANSI B56.1

Our customers can have confidence in the knowledge that all of our Stärke trucks meet and/or exceed all safety standards required by the current ANSI B56.1.

CAN/CSA B335

Stärke Material Handling Group diligently follows the requirements with respect to lift truck design and construction, maintenance and inspection, safe operation, and operator training when it comes to our products. All of our Stärke products meet and/or exceed all safety standards required by the current CAN/CSA B335.



Stärke Material Handling Group

Toll Free: 1-877-435-4352

Telephone: 905-227-7554

Fax: 905-227-2072

Email: info@starkeforklift.com

www.starkeusa.com | www.starkecanada.com

