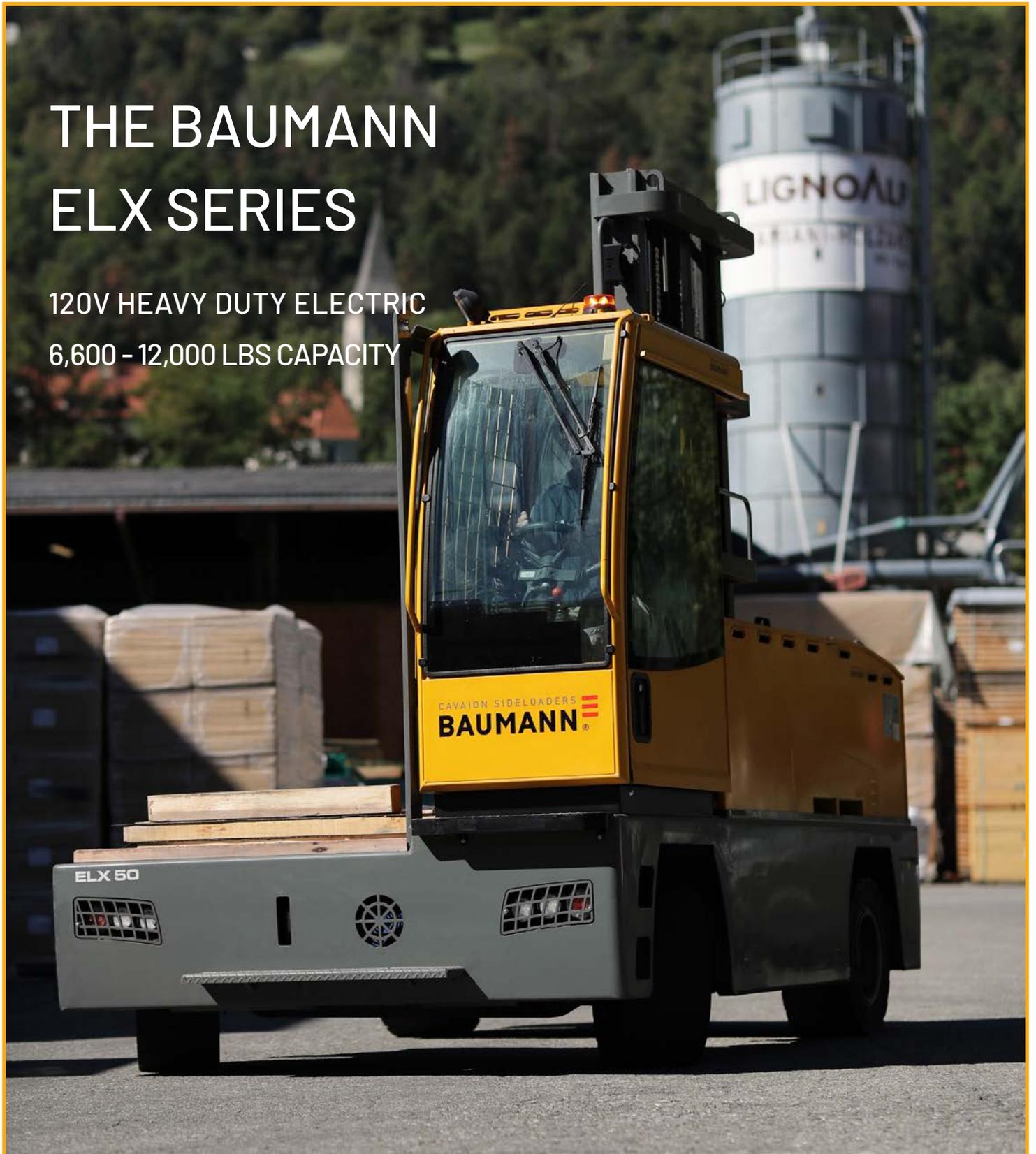


THE BAUMANN ELX SERIES

120V HEAVY DUTY ELECTRIC
6,600 - 12,000 LBS CAPACITY



Baumann, the world leader in outdoor sideloaders since 1969, has introduced their most advanced line of compact electric sideloaders. The ELX Series is efficient, reliable and capable of handling long loads in narrow aisles.

CAVAION SIDELOADERS 
BAUMANN USA
WWW.CAVAIONBAUMANNUSA.COM

ELX 30 - 55 SERIES

THE BAUMANN ELX 30 - 55 SERIES

**ELECTRIC SIDELOADERS.
COMPACT, DURABLE, INTELLIGENT.**

The ELX series is Baumann's most compact model, measuring less than 157 inches in length and 29.5 inches in deck height. The reduced length and improved turning radius have been achieved without sacrificing the mast strength, well width, ground clearance or low bed height. The 120v power supply allows the ELX to run 8-10 hours - a full shift and more on a single charge.



SAFE, RELIABLE AND EFFICIENT

KEY FEATURES AT A GLANCE.

- Up to 12,000 lbs. capacity @ 27.5" load center
- Compact design with tight turning radius for optimum maneuverability in congested areas
- 120 volt battery power for zero emission operation, outstanding performance, and long, long run times
- Fast travel speeds - twice that of competitor's models
- Four wheel design with large 28" X 12.5 - 15" tires allow for use on concrete, pavement, or unimproved surfaces.
- Low deck height of 29.5"
- Ergonomic operator's cabin
- Up to 10 hours runtime on a single charge
- Very low cost of operation - Substantial savings every day/week/year



MATCHED COMPONENTRY

All components are seamlessly matched to provide optimum performance and reliability - from the single 20 kW drive motor to the state of the art drive axle. The BAUMANN ELX Series utilizes a purpose built steering axle and flow matching hydraulic system.



LOAD STABILIZING TILT SYSTEM

Two cylinders mounted below the platform tilt the chassis and allow the carriage and the forks to remain horizontal during the loading process despite any ground variations that may exist.

BAUMANN MAST

BAUMANN masts are specifically designed for the unique demands of sideloader applications. With oversized profiles and bearings, the proven Baumann masts offer safer handling and less maintenance while maintaining driver visibility.

MAINTENANCE ACCESSIBILITY

All BAUMANN sideloaders, as reliable as they may be, are still designed with an emphasis on maintainability. With easy accessibility and readily available parts, downtime is reduced to a minimum.

EXTRA FEATURES AS STANDARD

Full road lighting, cab roof lights (adjustable from inside the cab) and free lift to deck height are examples of the standard features of the BAUMANN ELX series.

ENERGY EFFICIENT HYDRAULICS

The BAUMANN ELX delivers accurate and precise control of lifting and mast reach functions with minimal energy consumption.

ZERO EMISSIONS

The ELX range is a highly efficient and durable machine capable of working in demanding applications. Electrics offer zero emissions, are cheaper to run, maintain, and offer a better operator environment.



AUTOMATIC DECK LEVELING

BAUMANN sideloaders feature an automatic stabilization system that keeps the load level even on uneven ground conditions.

SAFETY FEATURES

BAUMANN sideloaders can be equipped with numerous options to increase safety. Cameras, pedestrian recognition alerts, red zonal lights, blue safety lights, audible alarms and on-board operator monitoring systems are all available. They are effective, yet passive, alerting the manager, operator or pedestrian to imminent dangers.

ELX CABIN OPTION

The XL cabin is hydraulically mounted and 20% longer giving drivers extra legroom and greater comfort.

ERGONOMICS

The panoramic cabin provides excellent visibility. Built for high comfort, this includes well placed control levers, uncluttered foot well, deluxe seating, and dual plane vibration controlled suspension.

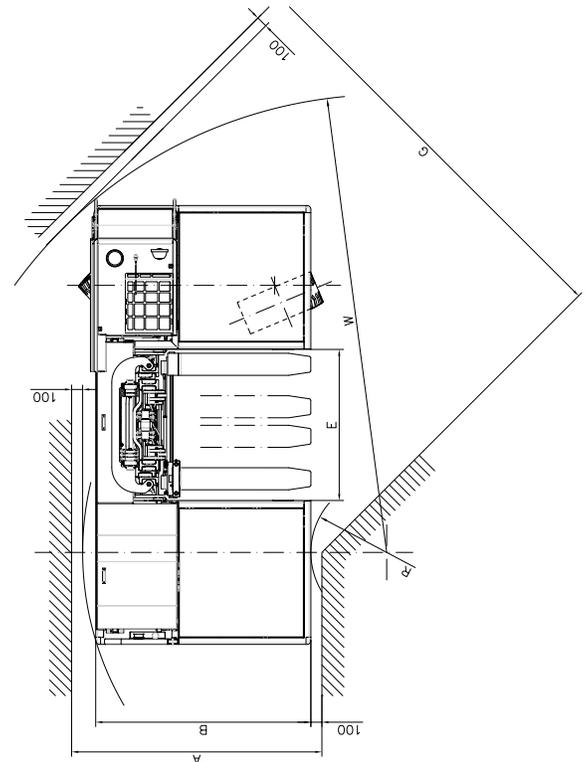
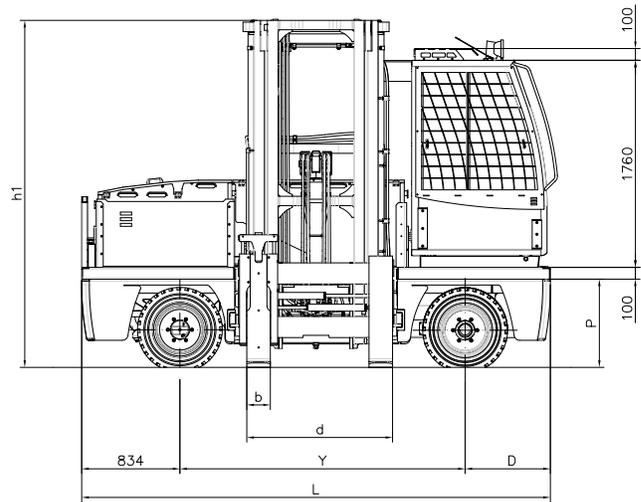
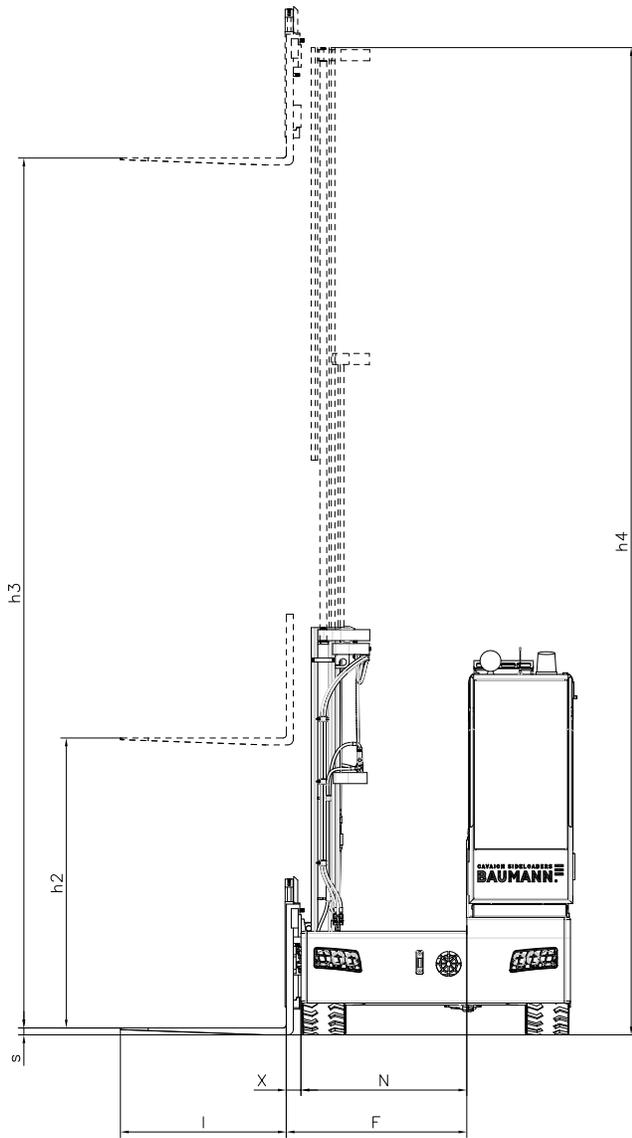


EASY ACCESS. PERFECT VISIBILITY. EXTRA COMFORT.



TYPE			ELX 30	ELX 40	ELX 50/55
Technical Data					
Lifting capacity	Q	lbs	6,600	8,800	11,000/12,000
Load center	C	in	23.6/27.6	23.6/27.6	23.6/27.6
Fork length	l	in	47.2/55.1	47.2/55.1	47.2/55.1
Fork width	b	in	5.9	5.9	7.9
Fork thickness	s	in	2	2	2
Drive			Electric	Electric	Electric
Type of steering			Hydrostatic	Hydrostatic	Hydrostatic
Type of tires			Pneumatic	Pneumatic	Pneumatic
Dimensions					
Total length	L	in	156.7	156.7	156.7
Total width	B	in	76.8/84.6	76.8/84.6	76.8/84.6
STD mast* height lowered	h1	in	112.2	112.2	112.2
STD mast* height extended	h4	in	192.1	192.1	192.1
Cabin height	H	in	102.8/106.7	102.8/106.7	102.8/106.7
Lift height	h3	in	157.5	157.5	157.5
Free lift	h2	in	23.6	23.6	23.6
Chassis tilt angle (up/down)		°	47±4.36/55	47±4.36/55	47±4.36/55
Platform height	p	in	±3.61 29.5	±3.61 29.5	±3.61 29.5
Platform width	N	in	47.2/55.1	47.2/55.1	47.2/55.1
Lateral movement	F	in	51.2/59.1	51.2/59.1	51.2/59.1
Load spacing max.	X	in	5.9	5.9	5.9
Framework cut	E	in	53.9	53.9	53.9
Fork spacing max	d	in	51.2	51.2	51.2
Turning radius inner	R	in	27.2	27.2	27.2
Turning radius outer	W	in	163.4/168.5	163.4/168.5	163.4/168.5
Aisle width	A	in	89.4/96.9	89.4/96.9	89.4/96.9
Aisle width for 90° Turning	G	in	151.2/156.3	151.2/156.3	151.2/156.3
Performance					
Travel with/without load		mph	12.4	12.4	12.4
Lifting with/without load		ft/s	1	1	1
Lowering with/without load		ft/s	1.3/1	1.3/1	1.3/1
Traverse with/without load		ft/s	1.1	1.1	1.1
Tractive power		lbf	6295	6295	6295
Gradeability		%	16\18	16\18	16\18
Weights					
Weight of truck		lbs	17,600/18,700	19,200/20,300	19,800/20,900
Axle load front		lbs	15,400/16,500	16,500/17,600	17,600/18,700
Axle load rear		lbs	16,500/17,600	17,600/18,700	18,700/19,800
Chassis					
Tires front/rear			2/2 27X	2/2	2/2
Tires size		in	10-12	27X 1 0-12	28X12.5-15/355/45-15
Tires outside diameter		in	27.4	27.4	(SE) 27.4
Wheel base	y	in	95.3	95.3	95.3
Track front	Sp1	in	47.2=63.6/55=71.5		65/72.8
Track rear	Sp2	in	47.2=65.7/55=73.6		66.1/74
Ground clearance Service		in	7.5	7.5	7.5
brake	hydraulic			Drive Axle	
Parking brake	hydraulic			Drive Axle	
Drive					
Battery Type	5PZ	120v	5PZ	5PZ	5PZ
Battery Capacity		A	525/625	525/625/700	625/700
Drive Motor	Number		1 x 20 kW- S1	1 x 20 kW- S1	1x 20 kW- S1
Gear Changing	Switch	Type	Manual	Manual	Manual
Gear Levels	Fw/Rv		Direct	Direct	Direct
Controller	Mosfet	Inverter'	Impulse	Impulse	Impulse
Lift Motor			20 kW S2 60min	20 kW 52 60min	20 kW 52 60min

ELX 30-55	Lift Height	Lowered Height	Extended Height	Free Lift
Duplex-Standard ST	h3 in	h1 in	h4 in	h2 in
	129.9	98.4	164.6	23.6
	157.5	112.2	192.1	23.6
	177.2	122	211.8	23.6
	196.9	131.9	231.5	23.6
	216.5	141.7	251.2	23.6
	236.2	151.6	270.9	23.6
Free Lift TR	224.4	108.3	259.1	73.6
	236.2	112.2	270.9	77.6
	248	116.1	282.7	81.5
	259.8	120.1	294.5	85.4
	271.7	124	306.3	89.4
	283.5	128	318.1	93.3
	295.3	131.9	329.9	97.2





BAUMANN SIDELOADERS

Baumann is a world-class manufacturer of sideloaders from 6,600 to 132,000+ lbs capacity with a reputation for consistent innovation, and the highest level of design and productivity. Based in Cavaion, Italy, the family-owned company has led the sector for over 50 years, and now sells its lift trucks worldwide in 76 countries.

After 25 years of providing material handling solutions for some of North America's most demanding applications, Cavaion Baumann USA has the experience needed to provide sound solutions and a solid return on investment. We offer full product support for all of our customers with quick parts delivery and skilled technicians at the ready. We are positioned to give you, your machine and your business the support needed to succeed.

INTERESTED IN A BAUMANN SIDELOADER?

Contact us today for more information. Schedule a test drive, hear about our leasing and buying options and learn how Baumann Sideloaders can be made to fit your exact specifications.

AWARD WINNING

Baumann is renowned for their blending of innovation, productivity and durability. And, has been nominated five times in the Fork Lift Truck Association's Excellence Awards, winning for both Environment and Innovation, and are the only sideloader manufacturer to receive the prestigious Watt d'Or from the Swiss Federal Office of Energy.



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