

THE BAUMANN EGX SERIES

120V HEAVY DUTY ELECTRIC
11,000 - 17,640 LBS CAPACITY



Baumann, the world leader in outdoor sideloaders since 1969, has introduced their most advanced line of electric sideloaders. The 120v electric EGX offers high speeds, long battery life, and the award winning VRS outreach system with X-Plus Safeload Assistance.

CAVAION SIDELOADERS 
BAUMANN  USA
WWW.CAVAIONBAUMANNUSA.COM

EGX 50 - 80L SERIES

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LOADED WITH IMPRESSIVE PERFORMANCE.

The highly efficient EGX has two drive motors with 120V AC power offering incredible battery longevity, higher travel and lifting speed performance. The battery is fitted in one single tray, positioned over the deck, for fast and easy replacement. This range is also supplied with the Variable Reach System (VRS) for more efficient control. VRS delivers high precision and productivity via the award winning, low maintenance Archimedes outreach method.



DURABILITY AS STANDARD

KEY FEATURES AT A GLANCE.

- Up to 17,640 lbs. capacity @ 27.5" load center
- Dual Drive Motors
- 120 volt battery power for zero emission operation, outstanding performance
- Fast travel speeds
- Four wheel design with large 32" X 12.5 - 15" tires allow for use on concrete, pavement, or unimproved surfaces
- Ergonomic operator's cabin
- Run a full shift on a single charge
- Very low cost of operation



SPECIFICATIONS

Platform height: 41.3"

Standard lift height: 157.5"

Standard platform widths: 47.2" and 55"



MATCHED COMPONENTRY

All components are seamlessly matched to provide optimum performance and reliability - from the dual drive motors to the state of the art drive axle. The BAUMANN EGX Series utilizes a purpose built steering axle & 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 EGX series.

ENERGY EFFICIENT HYDRAULICS

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

ZERO EMISSIONS

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

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.



AUTOMATIC DECK LEVELING

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



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.



- Unload the complete trailer load from one side
- Store loads multiple deep on either side of the aisle
- Unload rail cars

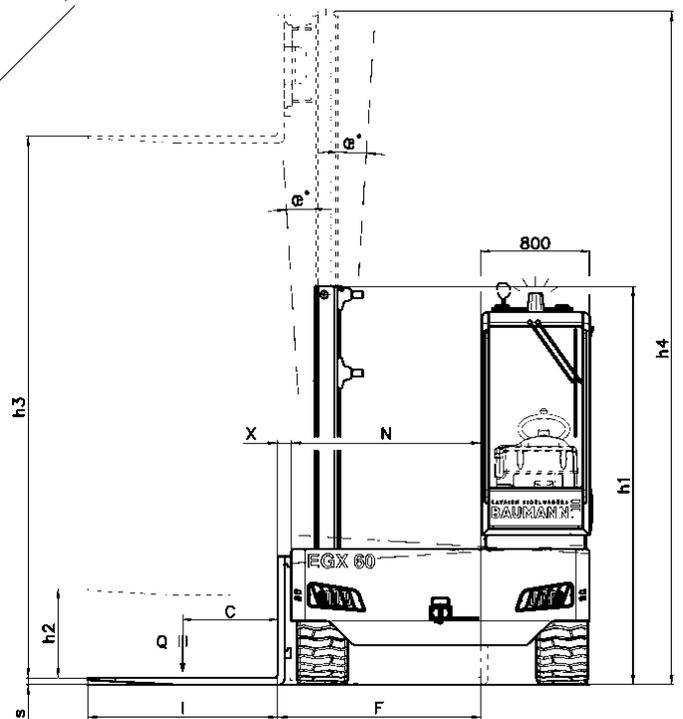
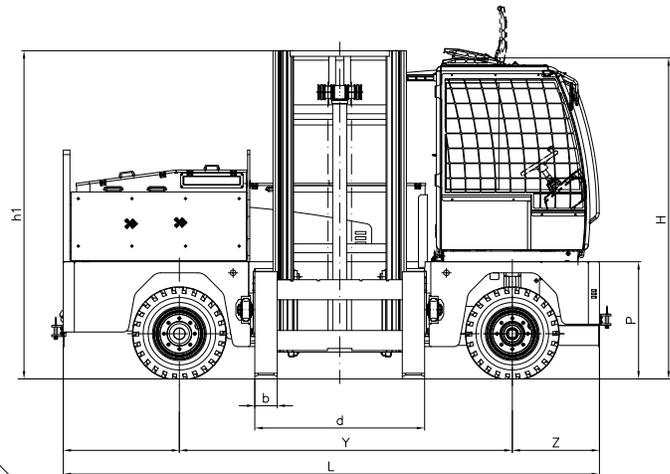
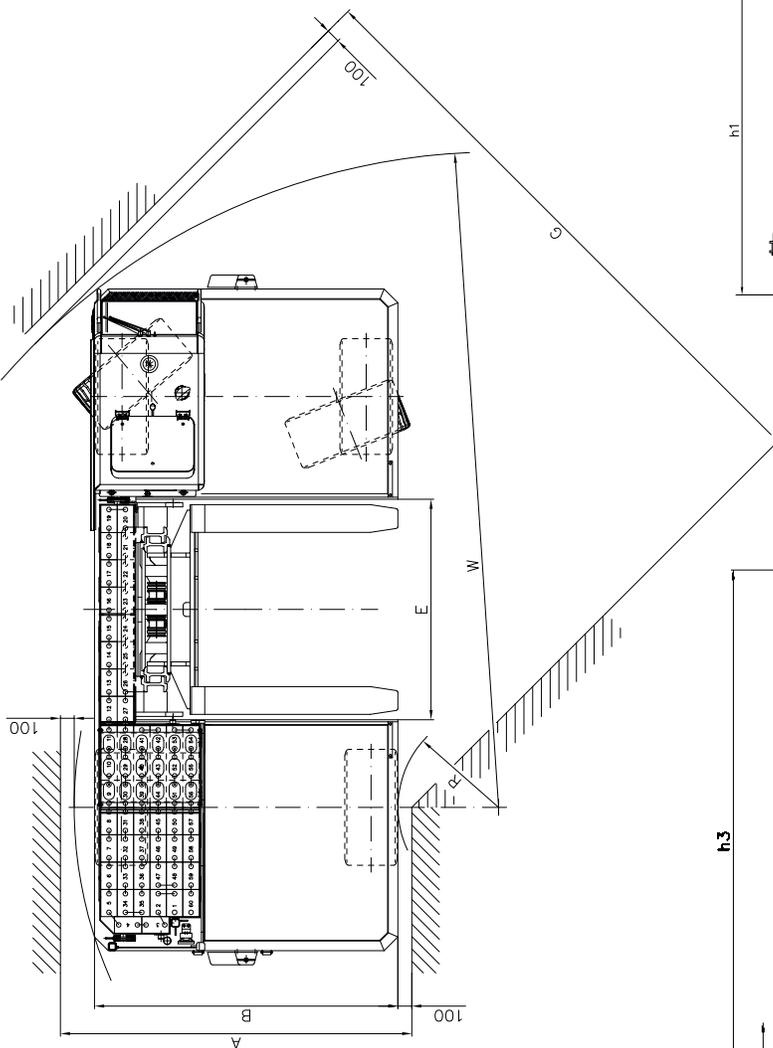
HIGH SPEEDS. LONG BATTERY LIFE.



TYPE		EGX 50	EGX 60	EGX 70	EGX 80 L	
Technical Data						
Lifting capacity	Q	lbs	11,000	13,200	15,500	17,600
Load center	C	Inches	23.6/27.0	23.6/27.0	23.6/27.0	23.6/27.0
Fork length	l	Inches	47.2/55.6	47.2/55.6	47.2/55.6	47.2/55.6
Fork width	b	Inches	7.9	7.9	7.9	7.9
Fork thickness	s	Inches	1.9	1.9	1.9	1.9/2.5
Drive			Electric	Electric	Electric	Electric
Type of steering			Hydrostatic			
Type of tires			Pneumatic tyres			
Dimensions						
Total length	L	Inches	189	189	189	189
Total width	B	Inches	78.7/86.6	78.7/86.6	81.5/89.4	83.4/89.4
STD mast* height lowered	h1	Inches	117.7	117.2	117.7	119.3
STD mast* height extended	h4	Inches	197.8	197.83	197.83	200.39
Cabin height	H	Inches	112.2/114.2	112.2/114.2	112.2/114.2	112.2/114.2
Lift height	h3	Inches	157.5	157.5	157.5	157.5
Free lift	h2	Inches	27.4	27.4	27.4	23.6
Chassis tilt angle (up/down)		°	47.24±4.4 / 55.12±3.6			
Platform height	P	Inches	41.34	41.34	41.34	41.34
Platform width	N	Inches	47.2/55.1	47.2/55.1	47.2/55.1	47.2/55.1
Lateral movement	F	Inches	51.2/59.0	51.2/59.0	51.2/59.0	51.2/59.0
Load spacing max.	x	Inches	6	6	6	6
Framework cut	E	Inches	63	63	63	63
Fork spacing max	d	Inches	59.8	59.8	59.8	59.0
Turning radius inner	R	Inches	28.7	28.7	28.7	28.7
Turning radius outer	W	Inches	47.2=185.0 / 55.1=189.0		47.2=189.0 / 55.1=193.0	
Aisle width	A	Inches	47.2=94.5 / 55.1=102.4		47.2=97.2 / 55.1=105.1	
Aisle width for 90° Turning	G	Inches	47.2=173.2 / 55.1=175.2		47.2=177.0 / 55.1=179.1	
Performance						
Travel with/without load		Mph	12/12	12/12	12/12	12/12
Lifting with/without load		ft/s	1.05	1.05	1.05	1.05
Lowering with/without load		ft/s	1.31/0.98	1.31/0.98	1.31/0.98	1.31/0.98
Traverse with/without load		ft/s	1.2	1.2	1.2	1.2
Tractive power		lbf	9217	9217	9217	9892
Gradeability		%	16/18	16/18	16/18	16/18
Weights						
Weight of truck		lbs	24,255/25,357	25,357/26,460	26,460/27,562	28,665/29,767
Axle load front		lbs	20,396/20,947	20,396/20,947	22,270/23,152	24,696/25,137
Axle load rear		lbs	22,601/23,152	22,601/23,152	23,152/24,255	25,578/26,239
Chassis						
Tires front/rear			2/2	2/2	2/2	2/2
Tires size front/rear		Inches	32x12, 1/15 300-15 SE	32x12, 1/15 300-15 SE	355-65	355-65
Tires outside diameter		Inches	33.0	33.0	33.0	33.0
Wheel base	Y	Inches	117.3	117.3	117.3	117.3
Track front	Sp1	Inches	47.24=64.57 / 55.12=72.44			
Track rear	Sp2	Inches	47.24=65.75 / 55.12=73.62			
Ground clearance		Inches	9.5	9.5	9.5	9.5
Service brake	hydraulic		Steering axle + 1/3 drive axle			Steering + drive axles
Parking brake	hydraulic		Drive Axle			
Drive						
Battery Type	6EPZ	120v	6EPZ	6EPZ	6EPZ	6EPZ
Battery Capacity		A	750/840	750/840	750/840/930	750/840/930
Drive Motor	Number		2 x 26.8HP S2 60mins	2 x 26.8HP S2 60mins	2 x 26.8HP S2 60mins	2 x 26.8HP S1
Gear Changing	Switch	Type	Manual	Manual	Manual	Manual
Gear Levels	Fw/Rv		Direct	Direct	Direct	Direct
Controller	Mosfet	Inverter	Impulse	Impulse	Impulse	Impulse
Lift Motor			47HP S2 30min	47HP S2 30min	47HP S2 30min	47HP S2 30min

*STD mast: 157.48" Duplex

EGX 50-70		Lift Height	Lowered	Extended	Free Lift	EGX 80 L		Lift Height	Lowered	Extended	Free Lift
Inches		h3	h1	h4	h2			h3	h1	h4	h2
Duplex-Standard ST		137.8	107.9	178.15	27.36	Duplex-Standard ST		137.8	109.5	180.7	23.6
		157.5	117.7	197.83	27.36			157.5	119.3	200.4	23.6
		177.2	127.6	217.52	27.36			177.1	129.1	220.0	23.6
		196.8	137.4	237.20	27.36			196.8	139.0	239.8	23.6
		216.5	147.2	256.89	27.36			216.5	152.7	267.3	23.6
			157.0	276.57	27.36			236.2	162.6	287.0	23.6
Triplex-Free Lift TR						Triplex-Free Lift TR					
		224.41	113.8	264.7	73.4			224.4	115.3	267.6	72.8
		236.22	117.7	276.6	77.4			236.2	119.3	278.7	76.8
		248.03	121.6	288.4	81.3			248.0	127.2	290.5	80.7
		259.84	125.6	300.2	85.2			259.8	131.1	302.4	84.6
		271.65	129.5	312.0	89.2			271.6	135.0	314.6	88.6
		283.46	133.5	323.8	93.1			283.4	138.9	326.4	92.5
						295.3	142.9	338.2	96.4		



What's New? New electric sideloader with 120V AC power for incredible battery longevity and higher travel and lifting speed performance. The battery is now fitted in one single box, positioned over the deck, for fast and easy replacement. This range is also supplied with the new patented Variable Reach System (VRS) outreach system for more efficient control. VRS delivers high precision & productivity via the award-winning, low-maintenance Archimedes outreach method.



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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