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CAVAION SIDeloadERS
BAUMANN
the art of working sideways

THE EGX SERIES

5 - 8 TONNES CAPACITY

120V Electric

With VRS

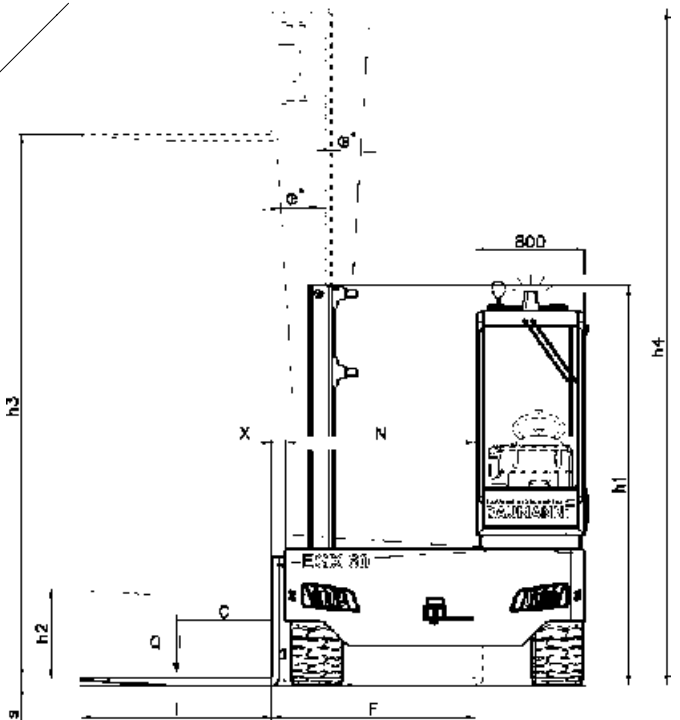
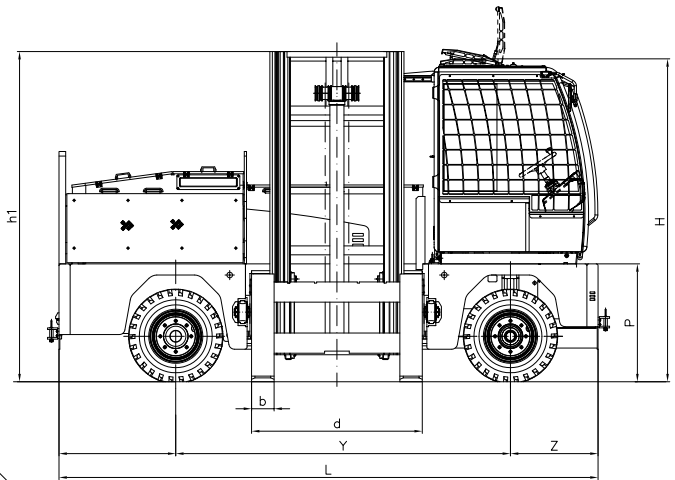
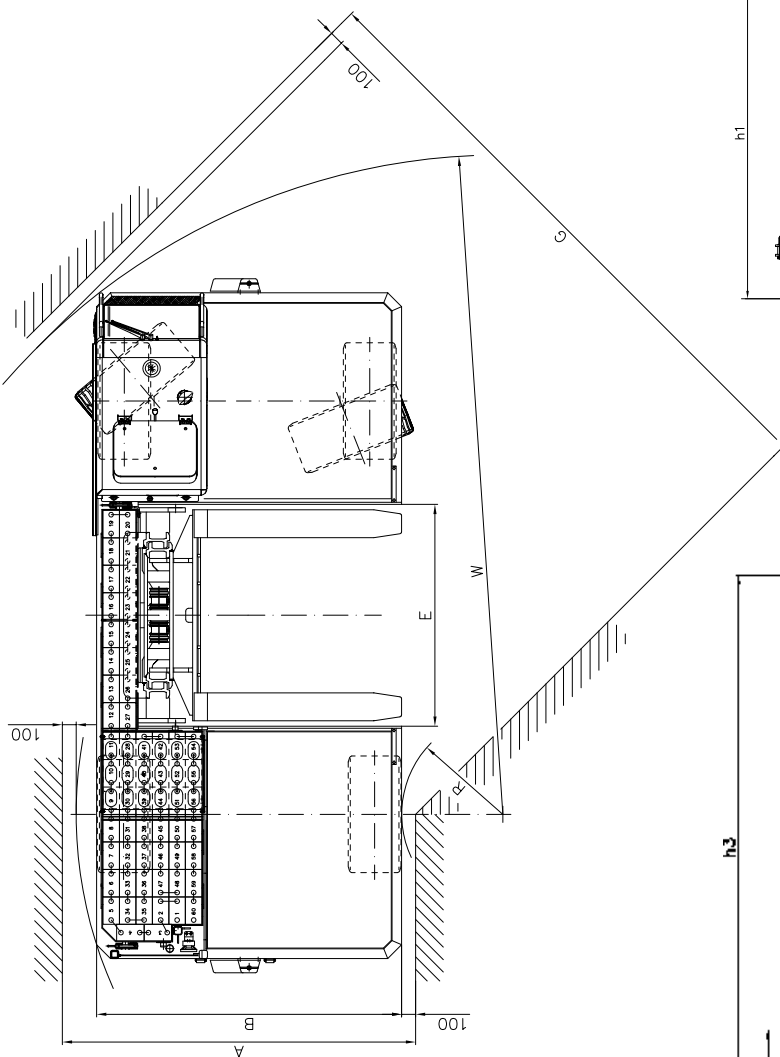


Long shift life
Single-battery cabinet
Heavy-duty components
Reliable, robust, & superb performance
Load-sensing & auto-deck levelling
Award-winning outreach system

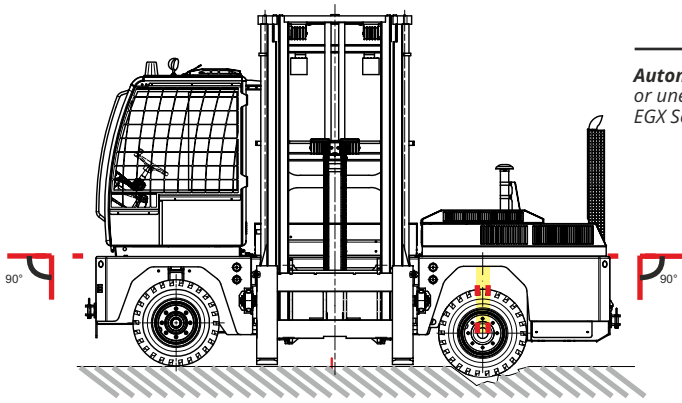
TYPE			EGX 50	EGX 60	EGX 70	EGX 80 L
Technical Data						
Lifting capacity	Q	Kg	5000	6000	7000	8000
Load center	C	mm	600/700	600/700	600/700	600/700
Fork length	l	mm	1200/1400	1200/1400	1200/1400	1200/1400
Fork width	b	mm	200	200	200	200
Fork thickness	s	mm	50	60	60	60/65
Drive			Electric	Electric	Electric	Electric
Type of steering			Hydrostatic			
Type of tyres			Pneumatic tyres			
Dimensions						
Total length	L	mm	4800	4800	4800	4800
Total width	B	mm	2000/2200	2000/2200	2070/2270	2120/2270
STD mast* height lowered	h1	mm	2990	2990	2990	3030
STD mast* height extended	h4	mm	5025	5025	5025	5090
Cabin height	H	mm	2850/2900	2850/2900	2850/2900	2850/2900
Lift height	h3	mm	4000	4000	4000	4000
Free lift	h2	mm	695	695	695	600
Chassis tilt angle (up/down)		°	1200±4.4 / 1400±3.6			
Platform height	P	mm	1050	1050	1050	1050
Platform width	N	mm	1200/1400	1200/1400	1200/1400	1200/1400
Lateral movement	F	mm	1300/1500	1300/1500	1300/1500	1300/1500
Load spacing max.	x	mm	100	100	100	100
Framework cut	E	mm	1600	1600	1600	1600
Fork spacing max	d	mm	1520	1520	1520	1500
Turning radius inner	R	mm	730	730	730	730
Turning radius outer	W	mm	1200=4700 / 1400=4800		1200=4800 / 1400=4900	
Aisle width	A	mm	1200=2400 / 1400=2600		1200=2470 / 1400=2670	
Aisle width for 90° Turning	G	mm	1200=4400 / 1400=4450		1200=4500 / 1400=4550	
Performance						
Travel with/without load		Km/h	20/20	20/20	20/20	20/20
Lifting with/without load		m/s	0.32	0.32	0.32	0.32
Lowering with/without load		m/s	0.4/0.3	0.4/0.3	0.4/0.3	0.4/0.3
Traverse with/without load		m/s	0.35	0.35	0.35	0.35
Tractive power		kN	41	41	41	44
Gradeability		%	16/ 18	16/ 18	16/ 18	16/18
Weights						
Weight of truck		Kg	11000/11500	11500/12000	12000/12500	13000/13500
Axle load front		Kg	9250/9500	9250/9500	10100/10500	11200/11400
Axle load rear		Kg	10250/10500	10250/10500	10500/11000	11600/11900
Chassis						
Tyres front/rear			2/2	2/2	2/2	2/2
Tyres size front/rear		Inches	32x12, 1/15 300-15 SE	32x12, 1/15 300-15 SE	355-65	355-65
Tyres outside diameter		mm	840	840	840	840
Wheel base	Y	mm	2980	2980	2980	2980
Track front	Sp1	mm	1200=1640 / 1400=1840			
Track rear	Sp2	mm	1200=1670 / 1400=1870			
Ground clearance		mm	240	240	240	240
Service brake	hydraulic		Steering axle + 1/3 drive axle			Steering + drive axles
Parking brake	hydraulic		Drive Axle			
Drive						
Battery Type	EPZS	120v	6MLM - 6EPZS	6MLM - 6EPZS	6MLM - 6EPZS	6MLM - 6EPZS
Battery Capacity		A	630-750	630-750	630-750	630-750
Drive Motor	Number		2 x 20 kW S2 60mins	2 x 20 kW S2 60mins	2 x 20 kW S2 60mins	2 x 20 kW S2 60mins
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			35 kW S2 30min	35 kW S2 30min	35 kW S2 30min	35 kW S2 30min

*STD mast: 4000mm Duplex

EGX 50 - 70		Lift Height	Lowered	Extended	Free Lift	EGX 80 L		Lift Height	Lowered	Extended	Free Lift
		h3 mm	h1 mm	h4 mm	h2 mm			h3 mm	h1 mm	h4 mm	h2 mm
Duplex- Standard ST		3700	2840	4725	695	Duplex- Standard ST		3700	2880	4790	600
		4000	2990	5025	695			4000	3030	5090	600
		4500	3240	5525	695			4500	3280	5590	600
		5000	3490	6025	695			5000	3530	6090	600
		5500	3740	6525	695			5500	3880	6790	600
	6000	3990	7025	695		6000	4130	7290	600		
Triplex- Free Lift TR		5100	2690	6125	1665	Triplex- Free Lift TR		5100	2730	6180	1650
		5400	2790	6425	1765			5400	2830	6480	1750
		5700	2890	6725	1865			5700	2930	6798	1850
		6000	2990	7025	1965			6000	3030	7080	1950
		6300	3090	7325	2065			6300	3230	7380	2050
		6600	3190	7625	2165			6600	3330	7680	2150
		6900	3290	7925	2265			6900	3330	7990	2250
		7200	3390	8225	2365			7200	3430	8290	2350
							7500	3530	8590	2450	



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.



Automatic deck-levelling: Even on difficult or uneven ground conditions, Baumann EGX Series sideloaders keep loads level.



The blending of innovation, productivity and durability.

Baumann machines can cope with almost anything you can throw at them.

Our chassis are built to exacting standards, while our masts have a unique profile designed for the specific demands of working sideways.

Toughness is just one of the secrets to our success, helping our equipment to be known worldwide for its durability and reliability.

Baumann is also renowned as an innovator, especially in the important areas of safety and productivity.

Our Variable Reach System (VRS) with Archimedes Outreach is the most advanced development in sideloader

design in over 50 years. We have 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.

With a strong reputation for our ability to customise standard models around specific needs, we are a reliable and professional partner, particularly in technical support and after-sales.

Our panoramic operator cabs offer the very latest technology, efficient use of space and high levels of ergonomics.

It all adds up to an enviable package blending the perfect levels of innovation, productivity and durability.

CAVAION SIDeloadERS 
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