

THE BAUMANN GX 50-80 SERIES

HEAVY DUTY

RELIABLE & ROBUST

11,000 - 17,640 LBS CAPACITY



Cavaion Baumann, the leading supplier of high quality 2-way sideloaders for outdoor and indoor/outdoor use, offers the mid-sized, heavy-duty GX Series. Highly reliable and durable machines capable of working in demanding applications with capacities of 6,600 to 17,600 lbs.

CAVAION SIDELOADERS 
BAUMANN  USA
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GX 50 - 80 SERIES

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STABILITY AND STRENGTH.

Stability and strength are two outstanding characteristics of the GX model ranges. The GX truck incorporates over dimensioned components and under deck traction units for the best visibility and optimum weight distribution. Features include a refined chassis, superb ergonomic cabins and new joystick controllers, offering the highest levels of durability, productivity and control in the market. The variable reach system (VRS) delivers high precision & productivity via the award winning, low maintenance Archimedes outreach method.



THE POWERHOUSE

KEY FEATURES AT A GLANCE.

- › Below-deck engine GX units offer unparalleled rearward visibility
- › Most configuration flexibility of any sideloader manufacturer
- › Combine over-dimensioned components and a ½" steel plate frame
- › 15" and 20" tire options
- › Simplified maintenance and servicing
- › Load sensing and auto deck leveling
- › Comfort (completely foldable for service) cab
- › Also available in above deck configuration with the GS 80L

SPECIFICATIONS

Platform height: 41.3"

Standard lift height: 157.5"

Standard platform widths: 47.2" and 55"



POWERTRAIN RELIABILITY

All components are seamlessly matched to provide optimum performance and reliability. The GX series features two powerful engine options. The reliable hydrostatic transmission, load sensing, and joystick control make this the market leader in engine sideloaders.



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.

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.

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 GX series.

EFFICIENT HYDRAULICS

The BAUMANN GX delivers accurate and precise control of lifting and mast reach functions with options such as electric or manual joysticks. Two Bosch & Rexroth hydrostatic wheel motors are used in conjunction with piston pumps with variable displacement.

VRS OUTREACH

The unique award-winning BAUMANN VRS outreach system provides smooth and accurate mast travel. A customized valve block allowed us to double the Archimedes spindle thread size and corresponding number of bearings, halving of the pressure required between them, providing greater control and the ability to seal the spindle head.



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.

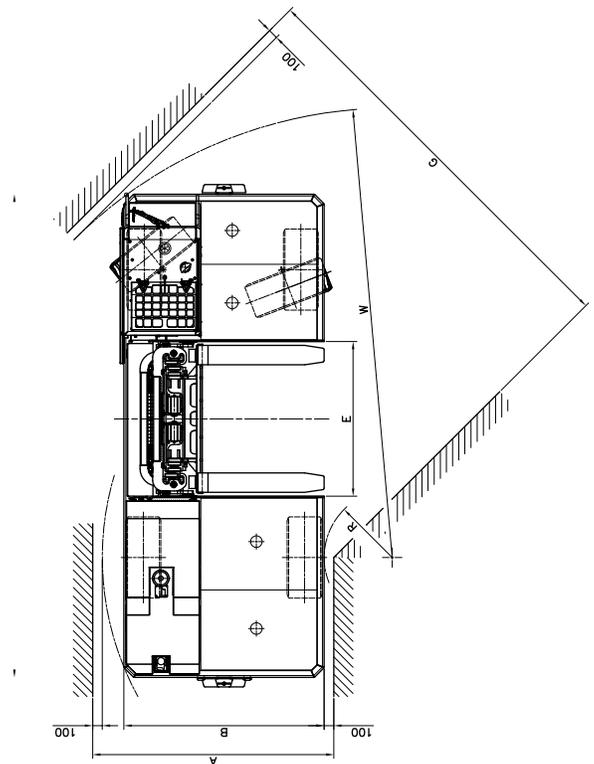
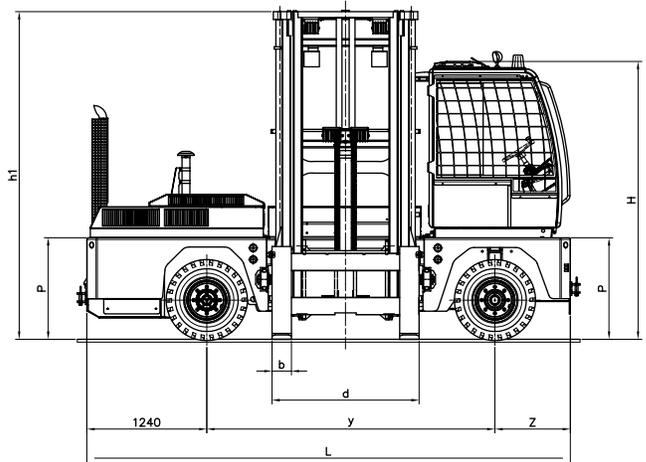
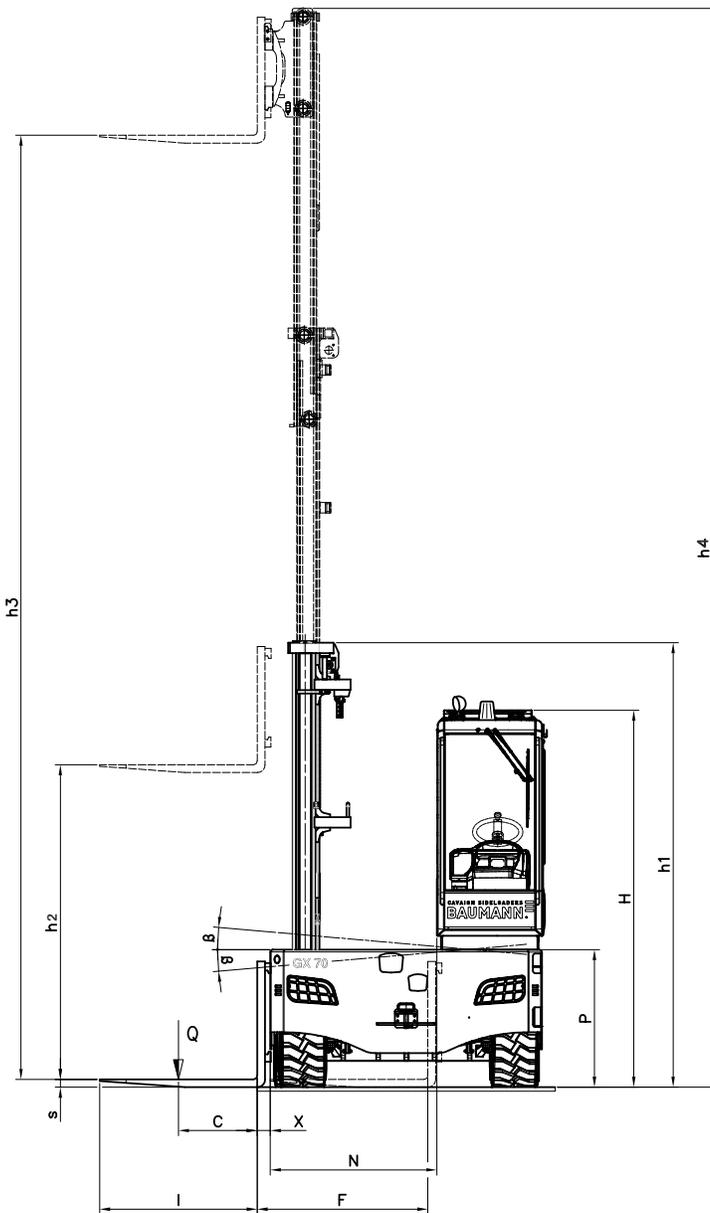


HEAVY DUTY. STABILITY. STRENGTH.



TYPE			GX 50	GX 60	GX 70	GX 80 L
Technical Data						
Lifting capacity	Q	lbs	11,000	13,200	15,400	17,600
Load center	C	Inches	23.62/27.56	23.62/27.56	23.62/27.56	23.62/27.56
Fork length	l	Inches	47.24/55.12	47.24/55.12	47.24/55.12	47.24/55.12
Fork width	b	Inches	7.87	7.87	7.87	7.87
Fork thickness	s	Inches	1.97	1.97/2.36	2.36	2.56
Drive			Diesel	Diesel	Diesel	Diesel
Type of steering			Hydrostatic			
Type of tires			Pneumatic tyres / SE			
Dimensions						
Total length	L	Inches	196.85	196.85	196.85	196.85
Total width	B	Inches	78.74/86.61	78.74/86.61	81.50/89.37	82.68/89.37
STD mast* height lowered	h1	Inches	117.72	117.72	117.72	119.29
STD mast* height extended	h4	Inches	197.83	197.83	197.83	200.39
Cabin height	H	Inches	112.20/114.17	112.20/114.17	112.20/114.17	112.20/114.17
Lift height	h3	Inches	157.48	157.48	157.48	157.48
Free lift	h2	Inches	27.36	27.36	27.36	23.62
Chassis tilt angle (up/down)		°	1200±4.4 / 1400±3.6			
Platform height	P	Inches	41.34	41.34	41.34	41.34
Platform width	N	Inches	47.24/55.12	47.24/55.12	47.24/55.12	47.24/55.12
Lateral movement	F	Inches	51.18/59.06	51.18/59.06	51.18/59.06	51.18/59.06
Load spacing max.	x	Inches	3.94	3.94	3.94	3.94
Framework cut	E	Inches	62.99	62.99	62.99	62.99
Fork spacing max	d	Inches	59.84	59.84	59.84	59.84
Turning radius inner	R	Inches	27.72	27.72	27.72	27.72
Turning radius outer	W	Inches	47.24=183.46 / 55.12=188.19		47.24=187.40 / 55.12=192.13	
Aisle width	A	Inches	47.24=98.23 / 55.12=105.51		47.24=100.98 / 55.12=108.27	
Aisle width for 90° Turning	G	Inches	47.24=170.47 / 55.12=175.20		47.24=174.41 / 55.12=179.13	
Performance						
Travel with/without load		Mph	15/15	15/15	15/15	14/14
Lifting with or 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 or without load		ft/s	1.15	1.15	1.15	1.15
Tractive power		lbf	8093	8093	8093	9442
Gradeability		%	16/18	16/18	16/18	16/18
Weights						
Weight of truck		lbs	23148.5	23809.9	25353.1	28660
Axle load front		lbs	20943.9	20943.9	23148.5	25132.7
Axle load rear		lbs	20943.9	22046.2	24250.8	2625
Chassis						
Tires front/rear			2/2	2/2	2/2	2/2
Tires size front/rear		Inches	300-15	300-15	355-65/15	355-65/15
Tires outside diameter		Inches	33.07	33.07	33.07	33.07
Wheel base	Y	Inches	117.32	117.32	117.32	117.32
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	8.66	8.66	8.66	8.66
Service brake	hydraulic		Front			
Parking brake	hydraulic		Drive Wheels			
Drive						
Diesel engine manufacturer			DEUTZ	DEUTZ	DEUTZ	DEUTZ
Type		KW	TCD 3.6 55/85 kW 2.000 rpm	TCD 3.6 - 55/85 kW 2.000 rpm	TCD 3.6 85 kW 2.000 rpm	TCD 3.6 - 85 kW 2.000 rpm
Power		PS	75/115	75/115	115	115
Speed		RPM	2000	2000	2000	2000
Cylinder / displacement		CID	4/200	4/200	4/200	4/200
Transmission			Direct			
Gearbox			Hydrostatic			
Battery		V/Ah	14V 120Ah 1000 A	14V 120Ah 1000 A	14V 120Ah 1000 A	14V 120Ah 1000 A

GX 50 - 70		Lift Height	Lowered	Extended	Free Lift	GX 80 L		Lift Height	Lowered	Extended	Free Lift
Inches	h3	h1	h4	h2		h3	h1	h4	h2		
Duplex-Standard ST	137.80	107.87	178.15	27.36	Duplex-Standard ST	137.80	109.45	180.71	23.62		
	157.48	117.72	197.83	27.36		157.48	119.29	200.39	23.62		
	177.17	127.56	217.52	27.36		177.17	129.13	220.08	23.62		
	196.85	137.40	237.20	27.36		196.85	138.98	239.76	23.62		
	216.54	147.24	256.89	27.36		216.54	152.76	267.32	23.62		
	236.22	157.09	276.57	27.36		236.22	162.60	287.01	23.62		
Triplex-Free Lift TR	224.41	113.78	264.76	73.43	Triplex-Free Lift TR	224.41	115.35	275.20	72.83		
	236.22	117.72	276.57	77.36		236.22	119.29	287.01	76.77		
	248.03	121.65	288.39	81.30		248.03	127.17	298.82	80.71		
	259.84	125.59	300.20	85.24		259.84	131.10	310.63	84.65		
	271.65	129.53	312.01	89.17		271.65	135.04	322.44	88.58		
	283.46	133.46	323.82	93.11		283.46	138.98	330.31	92.52		
						295.28	142.91	342.13	96.46		



What's New? The GX series features the next generation Deutz TCD 3.6 diesel engine re-designed chassis, refined ergonomic cabins, and joystick controllers, offering the highest levels of durability & control in the market. The Variable Reach System (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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