

# EZ BRINE SYSTEM

EBS Series



EZ Brine Premier

GVM's automatic **EZ Brine Systems (EBS)** are quick, easy, and accurate solution for manufacturing salt brine and custom chemical blends. Flexible enough to meet the needs of any organization, the EZ Brine can be used as a batch system to produce blends on an as-needed basis or as a continuous manufacturing system to ensure your blend is always available. In addition to salt brine, the EZ Brine can blend up to three different micro-ingredients allowing users to produce custom blends to work at various temperatures. Additives and micro-ingredients allow blends to work at lower temperatures and often for longer periods of time.

The programmable controller computer is simple to operate and helps to guide the user through the process. The system constantly monitors salinity and pump performance in addition to logging brine production data. Built in WiFi allows for easy remote monitoring and the built-in printer is an added convenience to quickly print logged data.

- Produces up to 6,000 gal. of brine per hour (depending on water source)
- Built in computer for easy programming, remote monitoring, and data logging
- Mix brine and up to 3 micro-ingredients, injected on a continuous basis, as programmed by the user
- Continuous or batch style production
- 304 SS mix tank, with skid-style base
- 88 in. wide top opening for easy loading
- All controls mounted in a watertight and corrosion resistant enclosure
- Scot 7.5 hp, 3500 rpm, all SS centrifugal pump
- EZ Brine Roll Off System is a self-contained unit that is installed in one platform.



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# EZ BRINE SYSTEM

		EZ Brine Premier	EZ Brine Roll Off
<b>Roll Off Platform</b>	Dimensions	—	8 x 22.5 ft (W x L), channel construction, ¼ in. thick top sheet, hot-dipped galvanized, with 1.8 ft loading hooks
	Max. Skid Dimensions	—	24.25 x 8.19 x 6.5 ft (LxWxH) (with ladder up) with 8 in. rollers for loading and unloading
	Railing Dimensions	—	2 detachable sections, 11ga 1.5 in. square MS tubing, 17 in. gap railing, 15 x 3.5 ft (LxH), yellow
	Ladder Dimensions	—	Detachable with bolt & nut, lockable position w/ 4 in. plated cotter pin – 4 in. length ½ in. dia., 4.5 ft. high, 1 ft between rungs, 16 in. between side rails, 47.9 lbs, yellow
	Overall Weight	—	3960 lbs
<b>Tank Specifications</b>	Dimensions	120 x 64 x 55 in. (L x W x H)	
	Material	304 SS	
	Tank Construction	Built-in forklift pockets & lifting lugs	Built-in forklift pockets, galvanized generator & operator enclosure frame, 304 SS enclosure panels
	Liquid Capacity	1200 U.S. gal. (4542.5 L)	
	Clean Brine Capacity	225 gal.	
	Salt Capacity	4.75 yd³	
	Mixing Components	(2) 2 in. SS spray bars (2 bottom-mounted)	
<b>Control/Blend Station</b>	Frame	Skid-style base	
	Frame Dimensions	60 x 52 x 58 in. (L x W x H)	
<b>Motor &amp; Pump</b>	Pump Model/Type	Scot 7.5 hp SSI, Centrifugal, frame-mounted	
	Pump Materials	304 SS	
	Flow Rate	110 gpm @ 3500 rpm	
	Pump Head	60 PSI	
	Impeller	5.98 in. diameter	
<b>Sensors, Gauges, &amp; Measuring Devices</b>	Salinity Level	Refractometer Salinity Sensor	
	Mix Tank Levels & Pump	Omega Pressure Transducer	
	Flow Control	Electric Banjo Valve, 2 in. 24 VDC Electric Valve	
<b>Control &amp; Enclosure</b>	Monitor	11.125 x 7.625 in. touch screen	
	Remote Operation	Built-in WiFi & Printer	
<b>Optional Add-Ons</b>	Blending Packages (1-3)	(1) 1 hp pump per micro ingredient , (1) 1-¼ in. hose w/ camlock & quick coupler, or Internal flowmeter	
<b>Warranty</b>		1 year, Bumper-to-Bumper	



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