

EZ BRINE SYSTEMS

STAINLESS STEEL AUTOMATED BATCH SYSTEMS



EZ Brine Premier

GVM's automatic EZ Brine Systems 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
- Top mounted spray bars for rapid saturation of salt and easy tank clean out
- 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.



EZ BRINE SYSTEMS

		EZ Brine Classic	EZ Brine Premier	EZ Brine Roll Off
Roll Off Platform	Dimensions	—		8 x 22 ft (W x L), channel construction, ¼ in. thick top sheet, liquid paint coated
Tank Specifications	Dimensions	156 x 72.25 x 49 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	1550 U.S. gal. (5867.4 L)		
	Clean Brine Capacity	280 gal.		
	Salt Capacity	7.6 yd ³		
	Mixing Components	(4) 2 in. SS spray bars (2 top-mounted & 2 bottom-mounted)		
Control/Blend Station	Frame	Skid-style base		
	Frame Dimensions	60 x 52 x 58 in. (L x W x H)		
Motor & Pump	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		
Sensors, Gauges, & Measuring Devices	Salinity Level	Toroidal Conductivity Transmitter		
	Mix Tank Levels & Pump	Omega Pressure Transducer		
	Flow Control	Electric Banjo Valve, 2 in. 24 VDC Electric Valve		
Control & Enclosure	Monitor	11.125 x 7.625 in. touch screen		
	Remote Operation	—	Built-in WiFi & Printer	
Optional Add-Ons	Blending Packages (1-3)	—	(1) 1 hp pump per micro ingredient, (1) 1-¼ in. hose w/ camlock & quick coupler, or Internal flowmeter	
Warranty		1 year, Bumper-to-Bumper		



EZ Brine Roll Off System

