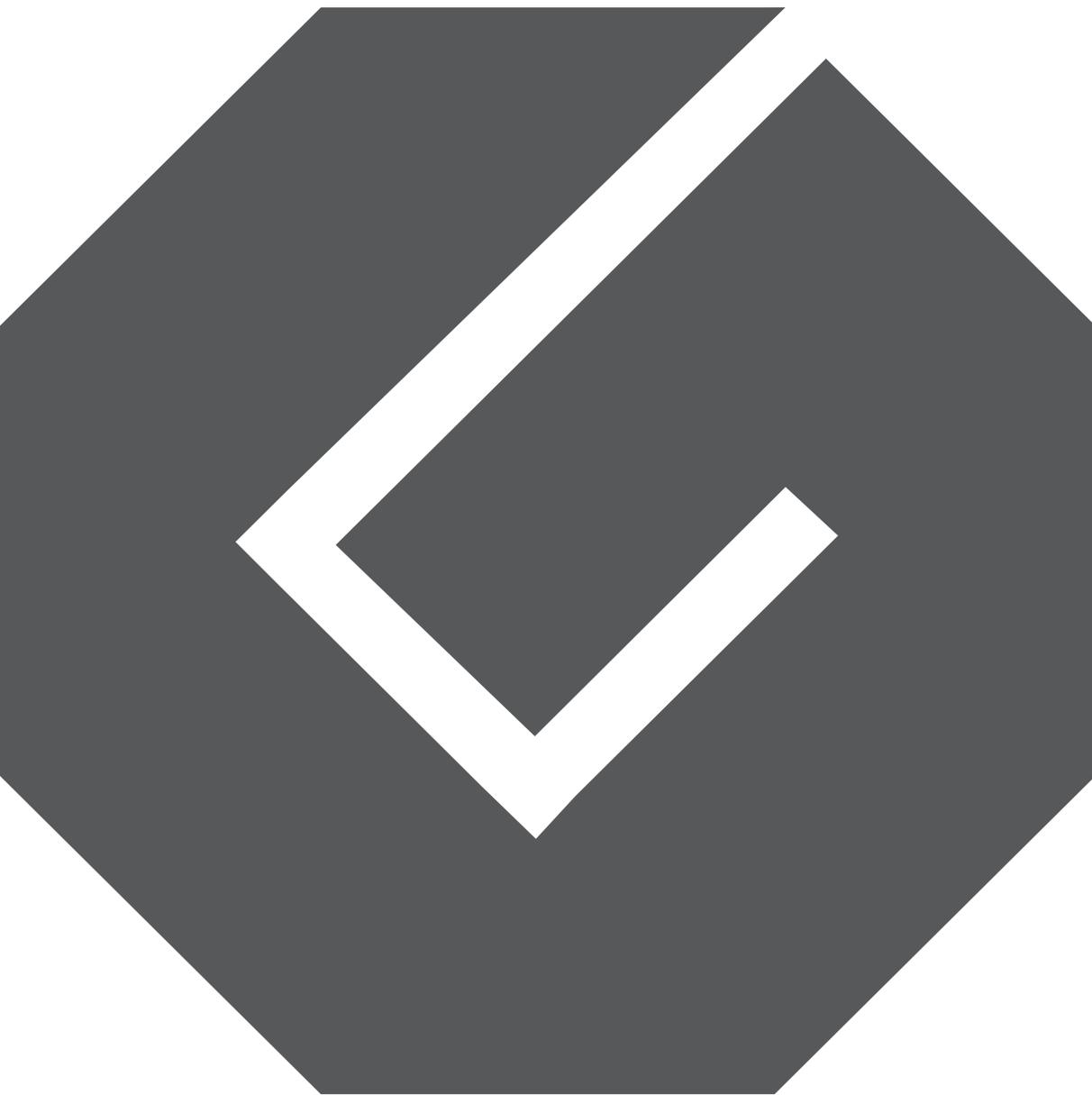


GAROS

Brine Mixer

Storage Tank



RED MEAT



POULTRY



FISH

Brine Mixer

The market's only brine mixing station designed to handle a large number of ingredients. Over time, the brine and marinade recipes have been modified to include more ingredients / dry substances. This has radically sharpened preparation requirements as regards handling, mixing and dissolving the ingredients.

There are number of brine mixers on the market, which all look about the same and claim to be perfect at handling a large number of ingredients. There are, however, some significant differences between them when it comes to function.

Our brine mixer station is the only on specially designed to handle a long list of ingredients. Here are some crucial facts to explain why: The feed hopper is equipped with a powerful ejector / jet pump that create a vacuum by increasing the speed of the brine circulation through. The vacuum moves the ingredients through a 4" valve at the bottom of the hopper. The feed hopper is suspended in a cradle, which rests on spring and has a vibrator. The hopper continually feed powder towards the outlet.



Areas

- ✓ **RED MEAT**
- ✓ **POULTRY**
- ✓ **FISH**

Benefits

- Hygienic design
- Large capacity
- Expandable

Contribution

- Mixing
- Cooling



Storage Tank

The tank holds 1,000 litres, 1,500 litres, 2,000 litres, 3000 litres or 4,000 litres. The brine is pumped from the mixing station to the storage tank. From there it can be pumped to the required spot as needed. The tank has a tapered bottom so that all brine can be pumped out and utilised.

The tank and hopper are made of ACID-RESISTANT STAINLESS STEEL SIS 2343/AISI 316/En. 1.4436. This is a necessity when mixing and storing liquids containing salt.



Areas

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Benefits

- Hygienic design
- Large capacity
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Contribution

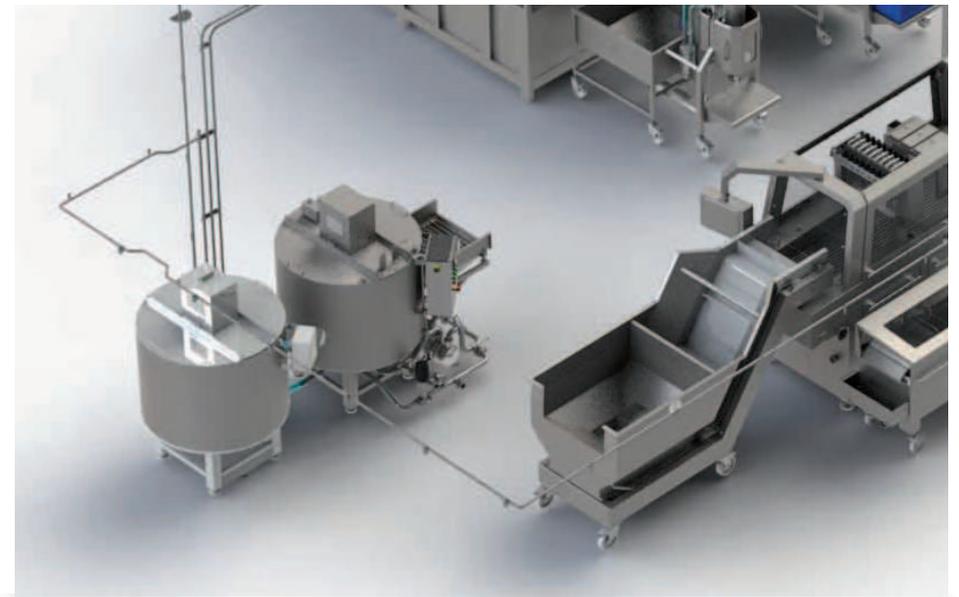
- Mixing
- Cooling



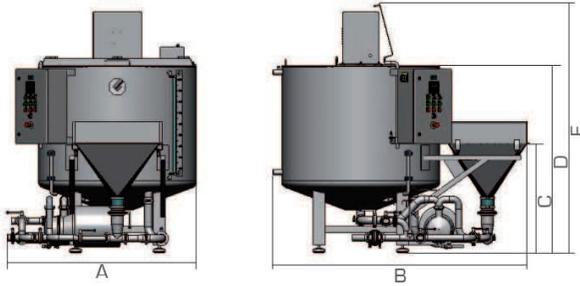
Characteristics and advantages:

Some of the characteristics and advantages:

- Self-suctioning centrifugal pump guarantees full vacuum effect even with viscous brine.
- The infeed hopper, equipped with a vibration motor to feed in/down the ingredients/dry substances, makes the work easier and even possible if the brine/marinade is viscous.
- Effective and powerful agitator with large capacity combined with low rotation speed to prevent foaming.
- Digital thermometer that also regulates set temperature.
- External, automatic level switches for continual transport of brine to external container.
- Inner tank and hopper made of acid-resistant stainless steel.
- Tapered bottom - 100% of the brine is utilised.
- Pneumatic valve with automatic shut-off after brine transport to prevent trickles.
- Level switch prevents the pump from running dry.
- Cooling jacket covers the entire surface area of the tank for maximum cooling.
- Cooling jacket and bottom have 50mm insulated walls (polyurethane)
- Dimensioned to handle cooling of 1.000 litres of brine from 15 °C to - 1 °C in 40 minutes



Technical details

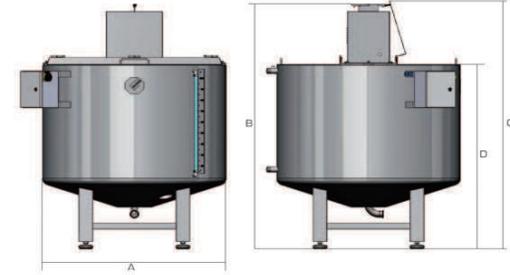


Measurements in mm	A	B	C	D	E	Weight in kg
Brine Mixer GH 107 1000 L	1500	2040	875	1500	2020	850
Brine Mixer GH 107 1500 L	1600	2140	875	1600	2225	1000
Brine Mixer GH 107 2000 L	1730	2240	895	1955	2475	1100

Brine Mixer GH 107	1000 L	1500 L	2000 L
Volume filling hopper	70 L	70 L	70 L
Pump capacity	20m ³ /h	20m ³ /h	20m ³ /h
Agitator capacity	8,3m ³ /h	8,3m ³ /h	8,3m ³ /h
Rated voltage	400V	400V	400V
Supply voltage	24V	24V	24V
Connected load	6,1kW	6,1kW	6,1kW
Volume cooling jacket	20 L	25 L	30 L

GAROS reserves the right to make technical modifications in measures or design at any time.

Technical details



Measurements in mm	A	B	C	D	Weight in kg
Storage tank GH 107 1000 L	1304	1934	2024	1500	400
Storage tank GH 107 1500 L	1504	2075	2165	1641	550
Storage tank GH 107 2000 L	1504	2377	2465	1945	620
Storage tank GH 107 3000 L	1504	3033	3120	2600	800

Storage tank GH 107	1000 L	1500 L	2000 L
Pump capacity	13m ³ /h	13m ³ /h	13m ³ /h
Agitator storage tank capacity	8,3m ³ /h	8,3m ³ /h	8,3m ³ /h
Rated voltage	400V	400V	400V
Supply voltage	24V	24V	24V
Connected load	0,6kW	0,6kW	0,6kW
Volume cooling jacket	20 L	25 L	30 L

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