

Gerstenberg Schröder Pin Rotor Machine

GS Pin Rotor Machine Benefits:

FLEXIBILITY

The GS pin rotor machine is an excellent production solution to ensure proper crystallisation and consistency for a wide range of margarine and shortening products.

Our GS pin rotor machine offers flexibility to the production process in two very important ways. Firstly, adjustments can be made to change the level of intensity and the duration of kneading. This allows you to change the type of oil, depending on availability and demand on the market. With this flexibility, you can take advantage of oil price fluctuations without compromising product quality. Secondly, you have the flexibility to work with a wide variety of margarine and shortening products under high or lower pressure and at variable speeds. With this flexibility you can depend on a high-quality, high-performing product.

HIGH STANDARDS OF HYGIENE

Our GS pin rotor machine is designed to meet the highest standards of hygiene according to 3-A Standards. All product parts subject to contact with food are made of AISI 316 stainless steel and all the product seals are in sanitary design.

EASY MAINTENANCE

The general design of the GS pin rotor machine facilitates easy replacement of wearing parts during service and maintenance. Sliding parts are made of materials which ensure very long durability.



OPTIMISATION OF FLOOR SPACE

We know how important it is to optimise floor space and the modular design of most of the GS pin rotor machines enables you to mount up to three cylinders on a common base frame. You can also mount the pin rotor on top of the GS Nexus, the GS Perfector, the GS Kombinator and on some GS Consistator® units. Furthermore, the GS pin rotor machines are equipped with a built-in water unit.

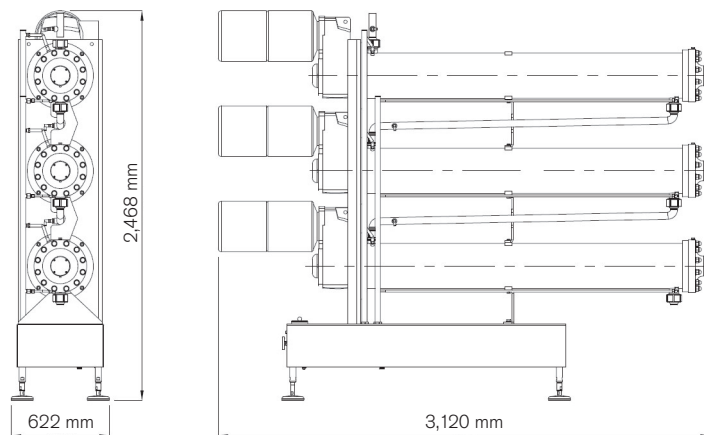
MATERIALS

Product contacting parts are made of stainless steel AISI 316. Products seals are made of semi-balanced type and of sanitary design according to 3-A Standards. Sliding parts are made of tungsten carbide.

PIN ROTOR MACHINE	25 L	50 L	80 L	100 L	200 L
DESIGN PRESSURE [BAR]	120	120	120	120	75
CYLINDER VOLUME [L]	25	50	80	100	200
WATER HEATER [kW]	9	9	9	9	9
WATER CIRCULATION PUMP [kW]	0.37	0.37	0.37	0.37	0.37
GEAR MOTOR [kW]*	7.5	7.5	11	11	18.5
FREQUENCY CONVERTER [kW]	7.5	7.5	11	11	18.5
RPM	50-300	50-300	50-300	50-300	15-220
PT-100 TEMPERATURE SENSOR	1	1	1	1	1
PRODUCT PIPE IN/OUT [MM]	DN40 44.5x2	DN40 44.5x2	DN40 44.5x2	DN40 44.5x2	DN40/DN50 44.5x2/60.3x3.6
MACHINE WEIGHT WITH ONE CYLINDER [KG]**	450	550	600	650	800

PIN ROTOR MACHINE	PLASTICATOR 25 L	PLASTICATOR 50 L	INVERTER 25 L	INVERTER 50 L	INVERTER 80 L
DESIGN PRESSURE [BAR]	120	120	120	120	75
CYLINDER VOLUME [L]	25	50	25	50	80
WATER HEATER [kW]	9	9	9	9	9
WATER CIRCULATION PUMP [kW]	0.37	0.37	0.37	0.37	0.37
GEAR MOTOR [kW]*	7.5	15	30	45	75
FREQUENCY CONVERTER [kW]	7.5	15	30	45	75
RPM	100-900	100-900	350-1400	350-1400	350-1400
PT-100 TEMPERATURE SENSOR	1	1	1	1	1
PRODUCT PIPE IN/OUT [MM]	DN40 44.5x2	DN40 44.5x2	DN40 44.5x2	DN40 44.5x2	DN40/DN50 44.5x2/60.3x3.6
MACHINE WEIGHT WITH ONE CYLINDER [KG]**	450	550	450	550	600

* Incl. a separate fan and thermo-sensor. ** Approximately.



GS pin rotor machine 3x100 I

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