

Sol 1 - 5000L



The Sol 1 is specially designed for dissolving powders in large quantities of liquid matter. The mixer is equipped with a mixing wheel in the bottom where dry powder is sucked in directly via vacuum, making it possible to reach uniform powder blends within minutes.

The Sol 1 is the ideal choice for ice cream mix and other milk solutions.

Advantages:

1. Short process time
2. Vacuum dissolver
3. De-aeration

Effective volume in litre: 500, 1000, 1500, 2000, 3000, 4000, 5000, 6000

Standard features:

High shear mixing
Water inlet on top
Manway hatch
Vacuum
CIP

Options:

Direct heating
Indirect heating
Cooling
Frequency inverter on mixer
Funnels

	500 liter	1000 Liter	1500 Liter	2000 Liter	3000 Liter	4000 Liter	5000 Liter	6000 Liter
Steam direct Kg/hr.	300	450	600	750	1050	1275	1500	1800
Steam indirect Kg/hr.	200	370	520	650	871	1081	1265	1488
Mixer motor kW min.	22	30	37	45	55	75	75	90
Air (Bar)	6	6	6	6	6	6	6	6
Power approx.	26	34	41	50,5	60,5	82,5	82,5	97,5
Amp supply	63	85	100	120	150	200	200	240
Voltage	380-415V/3ph/50Hz	380-415V/3ph/50Hz	380-415V/3ph/50Hz	380-415V/3ph/50Hz	380-415V/3ph/50Hz	380-415V/3ph/50Hz	380-415V/3ph/50Hz	380-415V/3ph/50Hz
Weight kg	900	1200	1500	1680	1800	2100	2380	2500
Vacuum	148 m ³ /4 kW	148 m ³ /4 kW	210 m ³ /5,5 kW	210 m ³ /5,5 kW	210 m ³ /5,5 kW	275 m ³ /7,5 kW	275 m ³ /7,5 kW	275 m ³ /7,5 kW
Length (mm) *	2950	3300	3680	4000	4050	4100	4120	4150
Width (mm) *	1230	1550	1700	1750	1850	1950	2080	2150
Height (mm)	2070	2600	2880	3150	3450	3600	3830	4350

Unit Specifications: Maximum temperature: 100 degrees Celcius.

* incl. vacuum pump