

# Danrel Co., Limited

## VME-2000L Hydraulic Vacuum Emulsifier



It is suitable for production of ointment and cream products in cosmetic and pharmaceutical plants. The emulsifying effect is more prominent for materials of high base viscosity and high solid content.

### Daily chemical and cosmetics industry

Baby cream, shaving cream, cream shampoo, toothpaste, cold cream, sunscreen cream, face cleanser, moisture cream, detergent, shampoo...

### Pharmacy industry

Emulsion, emulsifier, ointment, syrup....

### Food industry

Sauce, cheese, oral syrup, nutrient solution, infant food, and chocolate, saccharine.....

### Chemical industry

Latex, saponification, paint, resin, adhesives, lubricating agent....

### **Features:**

1. Material contact part all use SUS316L, completely Meet GMP
2. Using Japan NSK bearings
3. Siemens Inverter, power-saving, machine-protect, keeping the machine working stably
4. Bergmann mechanical seal, seal good, long working life, keep the homogenizer work 24 hours continually.
5. Slow stirring axle adopts 2 sets of mechanical seal and 2 sets frame oil seal, make the seal saver.
6. Stirring scrap and middle stirring rotating the opposite direction make the mixing more equally
7. Safety protecting functions, make the produce saver
8. Install a fall buffer unit on the hydro-cylinder in the hydraulic system; keep the cover up and down stable.

**Technical Parameters:**

<b>Part</b>	<b>Volume</b>	<b>500L</b>	<b>1000L</b>	<b>2000L</b>
Main pot	Heating power	18kW	18kW	N/A
	Homogenizer power	11kW	15kW	18.5kW
	Stirring power	4kW	5.5kW	7.5kW
	Homogenizer speed (RPM)	0-3600	0-3600	0-3600
	Stirring speed (RPM)	0-83	0-64	0-64
Water pot	Heating power	18kW	27kW	N/A
	Disperser power	0.75kW	1.5kW	2.2kW
	Disperser speed (RPM)	1440	1440	1440
Oil pot	Heating power	12kW	18kW	N/A
	Disperser power	0.75kW	1.5kW	2.2kW
	Disperser speed (RPM)	1440	1440	1440
Total	Heating power	48kW	63kW	N/A
	Total power consumption	65/18kW	86.5/24kW	32kW