

## FEATURE:

- Maximum running temperature as 370°C.
- Adopted microcomputer controller ,easy to operate. P.I.D. dual-stage temperature control system maintains an accuracy of  $\pm 0.1^{\circ}\text{C}$ .
- Main pipes are made of uni-body stainless steel, with uniform heating and low-loss.
- Equipped with 304 stainless steel high temperature sluice valve,with good heat resistant performance.
- With sufficient safety production and alarming system.
- Optional for high temperature magnetic pump with stable performance and no leakage.
- Adopts indirect cooling method,which realizes fast heating,makes temperature controller more precise and stable.
- With automatic shutdown cooling protection function etc.
- With temperature detecting indication of oil return.
- Multi-machine parallel is customized.
- Sufficient safety protection and visible alarm, easy for maintenance.
- Using isolated electric control box,to extend the lives of electric appliances.

## SPECIFICATIONS

机型Model	单位Unit	XC-TM18KW-370	XC-TM24KW-370	XC-TM36KW-370
温控范围Temp. Control range	°C	370°C		
温控精度Temp.Control Accuracy	°C	P.I.D $\pm 0.1^{\circ}\text{C}$		
电源Power Supply		AC3 $\Phi$ 380V 50HZ		
传热媒体Heattransfer Medium		导热油Heat Transfer Oil		
冷却方式Cooling Method		间接冷却(Indirect Cooling)		
加热能量Heating Capacity	KW	9x2	12x2	12x3
泵浦马力Pump Power	KW	1.5	2.2	3.75
最大泵浦流量Max.Pump Flow	L/min	50	165	200
最大泵浦压力Max.Pump Pressure	KG/cm <sup>2</sup>	2.8	2.8	3
储油量Oil Tank Capacity	Liter	30	30	30
警报功能Alert Function		缺相/缺油/超温/过载 Phase Loss/Water Shortage/Over-Heat/Overload		
冷却水配管Cooling Water Pipe	mm	12	12	12
循环油配管Circulation Oil Pipe	inch	(1x1)	(1x1)	(1x1)
外形尺寸Dimension(LxWxH)	mm	1325x560x1110	1325x560x1110	1325x560x1110
净重约 Approx.Net Weight	KG	205	215	220

### Calculation Formula:

Heating Power (KW) = mold weight (KG) \* mold heat specific (Kcal / KG °C) \* molding temperature difference (°C) x safety factor / heating time / 860

Notice: Safety factor ranges from 1.3 to 1.5.

Flow Rate(L/min)=Heating Power(KW)\*860/[medium specific heat(Kcal/KG°C)\* medium density(KG/L)\*inlet and outlet temperature difference\*time(60)]

### Notice:

1. Water specific heat=1Kcal/KG°C
2. Heating Oil specific heat=0.49Kcal/KG°C
3. Water density=1KG/L
4. Heating Oil density=0.842KG/L

We reserve the right to change specifications without prior notice.