



GYL Series High Temperature Oil Cooling Machine

Application:

LUSHUN GYL Series High Temperature Oil Cooling Machine is mainly used for CNC filing bed, lathe, broaching machine, CNC wire cutting machine, CNC high precision grinding machine; CNC five-surface integrated processing center; High-speed mechanical spindle, electric spindle, static pressure spindle, and other mechanical hydraulic station and lubricating system which are in need of high - temperature oil cooling.

Advantages:

- The compressor and refrigeration components of its refrigeration system adopt international famous brand products and guarantee the good quality and lasting stability of the equipment;
- The oil circulation system adopts variable vane pump to ensure low noise, stable output pressure and flow rate;
- It is no need of cooling tower, and can improve the operation reliability of processing equipment, extend their service life, prevent the main axis of CNC metal processing equipment from affecting the machining accuracy due to temperature fluctuation;
- It is with function of fault alarm, self-check and signal output, and can be linked with the main machine;
- It can avoid excessive oil temperature, resulting in evaporation, deterioration of oil, and lower oil viscosity.



Technical Specification

Mode		Unit	LS-GYL-62	LS-GYL-122
Refrigerating Capacity		W	6.2	12.2
Power Supply	Major Loop	-	380V/50Hz, three-phase four-wire (can be customized)	
	Control Loop	-	220V/50Hz, three-phase four-wire (can be customized)	
Power	Refrigeration Compressor	Kw	5.50	9.11
	Fan compressor	Kw	2.25	3.00
	Oil Pump Motor	Kw	5.18	4.00
	Complete Machine (including Control Units)	Kw	12.93	16.11
Liquid Pump Flow Rate		L/min	32	50
Overall Dimensions	L×W×H	mm	1150×550×1500	1150×550×1500
Installation Size	A×B×φ 12	mm	520×950	600×1400
Suitable Liquid		-	Common mineral oil and water glycol, etc.	
Refrigerant Type		-	R142b	
Oil Test Pipe	Oil Outlet	-	Rc1	Rc1.5
	Oil Inlet	-	Rc1	Rc1.5
Suitable Ambient Temp./Limited Ambient Temp.		°C	5~60/70	
Suitable Liquid Temp./Limited Liquid Temp.		°C	15~70/90	

■ Above size and weight are for reference only, the specific data shall be subject to its physical object.