



APPLICATION

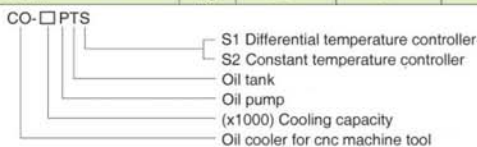
- CNC vertical & horizontal machine center
- CNC grinding , broaching and press machine
- CNC wood carving and oil hydraulic machine
- CNC lath and high-speed lathe
- CNC machine center (5 surface)
- CNC carving machine
- Oil hydraulic equipment

FEATURE

- Maintain constant oil temperature in order to prevent precision-losing.
- Prevent oil deterioration. Maintain oil viscosity that ensures smooth and stable oil pressure.
- Using the temperature control panel is to avoid thermal expansion.
- Built-in failure-detection system that connects to the control panel in order to warn the user and prevent further damage to the machine.
- Filling the high-efficiency environmental refrigerant is without pollution.

CO SERIES SPECIFICATION

Model		CO-04	CO-06	CO-08	CO-12	CO-18	CO-24	CO-36	CO-60	CO-120	
Cooling capacity	BTU/HR	4000	6000	8000	12000	18000	24000	36000	60000	120000	
	KCAL/HR	1000	1500	2000	3000	4500	6000	9000	15000	30000	
Power source	V	3ø AC220V 50/60HZ									
Total overburdening current consumption	A	4.5	6.8	6.8	7	12.6	15	20	26.5	48.2	
Oil pump horsepower	HP	1/4	1/2	1/2	1	1	1	1	1	3	
Oil pump discharge rate	l/min	4.5	20	20	40	40	40	40	60	110	
Oil tank	liter	20	30	30	40	40	45	85	95	120	
Inlet and outlet pipe-diameter	inch	1/2"x1/2"	3/4"x3/4"	3/4"x3/4"	1"x1"	1"x1"	1"x1"	1"x1"	1"x1"	1-1/4"x1-1/4"	
Dimension (DxWxH)	mm	365x446x645.5	423x496x748.5	423x496x748.5	480x550x943	480x550x943	696x494x1175	926x606x1247	705x1105x1347	956x1306x1892	
Weight	kg	51	72	72.3	97	130	141	182.5	221	295	
Dimension with oil tank	mm	365x446x825.5	423x496x948.5	423x496x948.5	480x550x1199	480x550x1199	675x545x1265	926x606x1247	705x1105x1347	956x1306x1892	
Refrigerant	gas	R407c	R134A/R407c	R134A/R407c	R134A/R407c	R134A/R407c	R134A/R407c	R134A/R407c	R134A/R407c	R134A/R407c	
Weight with oil tank	kg	62.5	87	87.5	135	145	162	205	310	360	



Room temperature: 35°C



台灣精品 2008
TAIWAN EXCELLENCE



APPLICATION

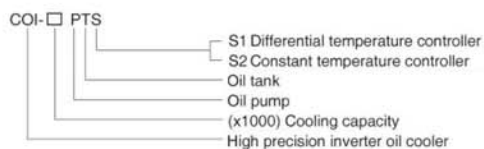
- CNC vertical & horizontal machine center
- CNC grinding machine
- CNC high-speed lathe
- CNC machine center (5 surface)
- CNC double column grinding and milling machine
- CNC high-speed press machine
- Requirement for high-precision and high-speed spindle industries

FEATURE

- Individual design for LCD control panel and the temperature precision could maintain $\pm 0.1^{\circ}\text{C}$.
- Using inverter compressor is that keeps electric current smoothly and saves energy to 33%.
- The energy saving and high precision are from the operation of low load.
- Reduce the temperature rise and maintain the precision during process.
- Filling the high-efficiency environmental refrigerant is without pollution.

COI SERIES SPECIFICATION

Model		COI-08	COI-12	COI-24	COI-36
Cooling capacity	BTU/HR	8000	12000	24000	36000
	KCAL/HR	2000	3000	6000	9000
Power source	V	3 ϕ AC220V 50/60HZ			
Total overburdening current consumption	A	3.0~7.0	3.8~10.8	5.5~13	10~22
Compressor consumption	KW	0.74	1.18	1.6	2.5
Oil pump horsepower	HP	1/2	1	1	1
Oil pump discharge rate	liter	20	40	40	40
Oil tank	l/min	34	34	53	68
Inlet and outlet pipe-diameter	inch	3/4"x3/4"	3/4"x3/4"	1"x1"	1"x1"
Dimension (DxWxH)	mm	360x440x980	360x440x980	470x560x1210	680x650x1426
Weight	kg	100	106	140	210
Refrigerant	gas	R134A/R407c	R134A/R407c	R134A/R407c	R134A/R407C
Dimension with oil tank	mm	360x440x1230	360x440x1230	470x560x1440	680x650x1426
Weight with oil tank	mm	110	117	155	235



Room temperature: 35°C