

# SPALTEMP

## HIGH TEMPERATURE HOT OIL CIRCULATING CONTROL SYSTEMS

Spaltemp High Temperature Hot Oil Units are the right choice for a wide range of heating applications including; heating platens, two-roll mills, laminating rolls, injection moulds, double wall tanks, hot melt tanks, and anywhere that processing temperatures up to 550F (288C) are required.

### FEATURES

Full PID auto-tune controller with setpoint and process temperature readouts

Available pump sizes from 3/4 hp through 5 hp. Slide base mounted motor facilitates proper belt tensioning

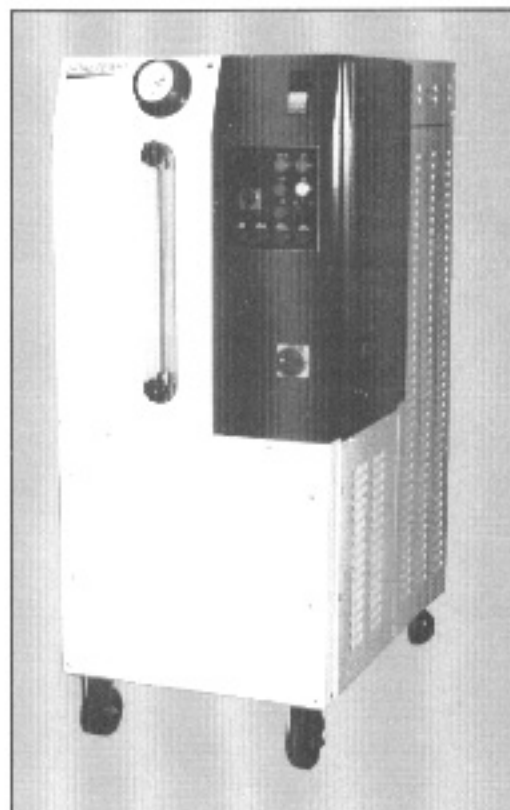
Heater sizes from 12 kw through 80 kw.

Superior electrical control package with primary and secondary fusing and grounded control circuit NEMA rated heater contactor and IEC motor starter. With diagnostic fault indicators and back-up heater contactor

High temperature safety thermostat. Low oil pressure safety switch and full-flow bypass relief valve and outboard mounted oil strainer

Heavy duty, horizontally mounted belt drive rotary gear pump with high temperature dripless packing shaft seal. Optional mechanical shaft seal also available. Pump reversing feature is standard on all units.

All controls, flow valves, sight glass and fill / vent ports are accessible from the front of the unit - away from high temperature piping.



**SPALTECH INTERNATIONAL**

WE'VE PUT THE QUALITY BACK IN TEMPERATURE CONTROL SYSTEMS

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HEATER SIZE	MOTOR HP	PUMP CAPACITY	PROCESS PIPE SIZE	MODEL NUMBER (heat only)
12 kw	3/4 hp	10gpm @ 30psi	1" NPT	H-5312
18 kw	3/4 hp	10gpm @ 30psi	1" NPT	H-5318
24 kw	1 hp	18gpm @ 30psi	1" NPT	H-5424
36 kw	2 hp	24gpm @ 50psi	1" NPT	H-5636
48 kw	3 hp	50gpm @ 50psi	1.5" NPT	H-5748
60 kw	3 hp	50gpm @ 50psi	1.5" NPT	H-5760
80 kw	3 hp	50gpm @ 50psi	1.5" NPT	H-5780

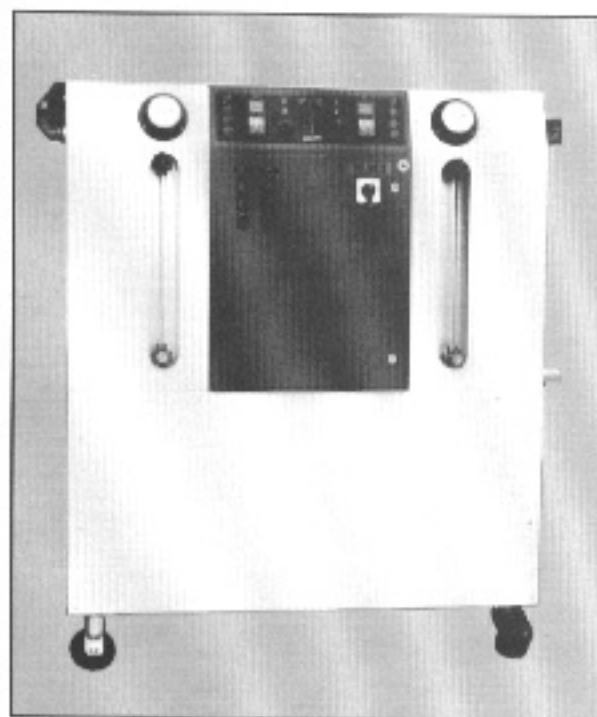
Available in single zone or dual zone models  
Standard Colour Spaltemp Orange / Beige  
Dimensions: Single 24" W x 36" L x 56" H  
Dual 48" W x 36" L x 56" H

#### AVAILABLE VOLTAGES (3 PHASE)

208V / 60 Hz  
230V / 60 Hz  
380V / 50 Hz  
460V / 60 Hz  
575V / 60 Hz

#### OPTIONS

Remote Control  
Remote Sensing  
Automatic Cooling via Water or Air Cooled Heat Exchangers.  
Audible Alarms  
Communications  
Manual Bypass Piping  
Seven Day Clock  
Hour Meter  
High Capacity Pumps to 150 gpm.  
Operating Temperatures to 650F (343C)



Dual Zone Unit

## SPALTECH INTERNATIONAL

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