

STEAM JET

Quick Heat & Cool Mold Controller



Features

Molding systems called Rapid Heat Cycle Molding (RHCM) or Heat & Cool molding have been attracting attention from many industries as an epoch-making environmentally friendly technology that enable us to solve various problems around injection molding and to improve productivity. The mold surface temperature is rapidly raised by compressing steam through the multiple water pipes designed near to surface of the cavity. It is then cooled down rapidly by cooling water. By using specially designed high thermal conductive rapid heat cycle mold (3D weldless mold), it is not only possible to prevent weld lines or sink marks in any configuration of molded parts, but also to offer innovative solutions to difficult problems that used to be impossible to overcome.

Support remote -mobi control panel (Option)

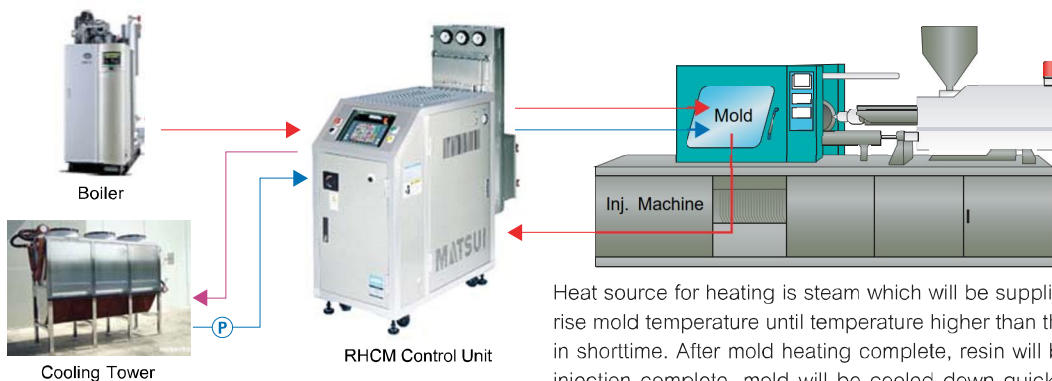


- The operation ability is unaffected on body install area.
- Compact and would be able to installed everywhere.
- Dedicated adapter

New structure pursuit of high-response, high-cycle completely



Steam JET System Flow Chart



Heat source for heating is steam which will be supplied from boiler and use to rise mold temperature until temperature higher than the softening point of resin in shorttime. After mold heating complete, resin will be injected to mold. After injection complete, mold will be cooled down quickly by water from cooling tower. Then, product will be took out. Please find out the application of the special mold for weldless injection molding.

Standard specifications

Model	Electric Power (Amp.)		Steam	Cooling Water	Air (Mpa)	Pump		Size		Connection Diameter					Outer Dimension (W x L x H) mm
	380V/3P	(200V/3P)				Output (kW)	Flow rate	Body (W x L x H) mm	Manifold (W x L x H) mm	Medium Feed	Medium Return	Steam Inlet (A)	Cooling Inlet, Outlet	Weight (Kg)	
RHCM-100G	20	40	180°C MAX	lower than 30°C	0.5~0.7	4	200 l/min at 0.4 Mpa	560x1000x1209	560x395x1500	15 A (1/2B) 12 Ports	15 A (1/2B) 12 Ports	25 (1")	40	335	560x1422.5x1619