

GIGACOOOL

DESIGNED BY DIE@PRO

JET COOLING TEMPERATURE CONTROL SYSTEMS

Tackling the intricate challenges of large-scale die-casting, we understand that optimal temperature control is crucial to achieving perfection in every cast. This new system takes a monumental leap forward, supporting double the number of cooling circuits for unparalleled precision, faster cycle times, and unmatched consistency for larger scale applications.

EPIC SCALE COOLING

TEMPERATURE CONTROL FOR LARGE SCALE
DIE CASTING AND INJECTION MOLDING APPLICATIONS.

DESIGNED BY DIE-CASTERS FOR DIE-CASTERS

PLC CONTROLLED COOLING SYSTEM ●

SELF CONTAINED WATER
COOLING SYSTEM ●

COOLING WATER DISCHARGE PRESSURES
UP TO 325 PSI (22 BAR) ●

FLOW AND PRESSURE RATE
PROCESS MONITORING SYSTEM ●

AIR FLOW LEAK TEST
AFTER EACH COOLING CYCLE ●

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DESIGNED BY **DIE PRO**



**BIG
TIME
TEMP
CONTROL
JUST
GOT
EVEN
BIGGER**

CLOSED LOOP SYSTEM

GORECOOL

GIGACOOOL

MODEL	3.3.30	3.3.60
Number of Cooling Circuits	60	120
Number of Cooling Zones	4 or 6	4 or 6
Number of Air Purge Zones	4 or 6	4 or 6
Cooling Water Flow (Continuous) Deionized	30 GPM (114 LPM)	60 GPM (227 LPM)
Cooling Water Outlet Pressure	60-325 PSI (4-22 Bar)	60-325 PSI (4-22 Bar)
Tank Cooling System	Indirect Exchanger	Indirect Exchanger
Tank Cooling System Flow Requirements	15 GPM (57 LPM) @ 80 °F Process Water	30 GPM (114 LPM) @ 80 °F Process Water
Flow/Pressure Process Monitoring	Totalized Flow and Outlet Pressure Monitoring	Individual Zone Flow Monitoring & Outlet PSI
Cooling Circuit Leak Test	Air Flow Leak Rate	Air Flow Leak Rate
Power Requirements	240-600VAC 3 PH 45Amp	240-600VAC 3 PH 45Amp
Control System	Allen Bradley PLC/Touch Panel	Allen Bradley PLC/Touch Panel

**DIE-PRO PRODUCTS ARE
DESIGNED AND BUILT IN THE USA**

