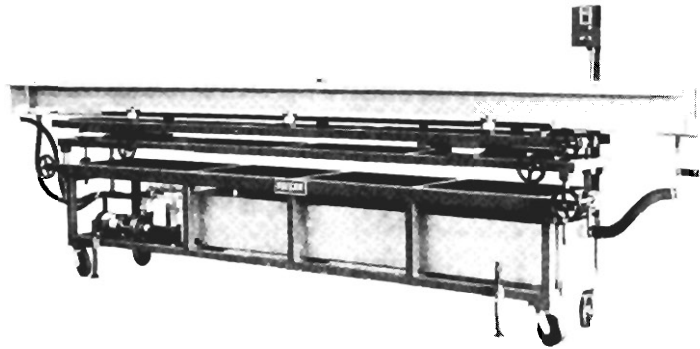


COOLING TANKS

MODELS AVAILABLE:

Tank Length	Cross - Section		
	6" x 6"	10" x 10"	14" x 14"
10'	CT610	CT1010	CT1410
15'	CT615	CT1015	CT1415
20'	CT620	CT1020	CT1420
30'	CT630	CT1030	CT1430



TANK FEATURES:

Vulcan's standard stainless steel tanks are made with removable tank ends and bulkheads of 1/2" thick UHMW plate split on center such that they can be contoured with one half of the extruded shape in each half. By maintaining generous clearance between the extrudate and the UHMW bulkhead opening, the extrudate can pass through the bulkhead opening on a lubricating layer of water. The water is routed into scuppers located on each end of the tank that, in turn, are connected to the water return system.

Vulcan water tanks are offered with an optional handwheel operated axial, bi-axial, or tri-axial movement of the tank. A complete recirculation system requiring only the connection of the Vulcan furnished heat exchanger to the customer furnished chilled water is also furnished as an option.

FRAME:

- Structural enameled tube frame
- Urethane tread, swivel casters
- Jack screw floor lock/height adjustment
 - center-line height adjustment 40" - 44"

TANK:

- 6 x 6, 10 x 10, and 14 x 14 cross section
 - other cross sections available
- Tank length 10', 15', 20' and 30'
 - other lengths available
- 12 ga., 304 stainless steel construction
- 1/2" thick bulkheads are split UHMW construction for contouring to extrudate profile
 - 1/4" thick rubber gasket bulkheads available
- Two ft. air wipe compartment w/1/2" thick Lexan lids
 - optional air wipe system available

PIPING:

- Entire flow path of non-oxidizing construction
- One inch pipe connection in side of tank for connection to plant fill or make-up water lines
- Air wipe section piped to drain manifold
- Entrance scupper piped to drain manifold
- Adjustable overflow for setting tank water height piped to drain manifold
- Overflow by-pass for maximum circulation rate

GENERAL:

- All controls at die end of tank
- NEMA 4 control enclosures
- Low voltage (110V) pump control circuit

NOTE: All of the above listed features are standard unless otherwise designated as optional.

OPTIONS:

- Closed loop recirculation system
 - 1.0 HP, 3600 RPM, bronze close-coupled pump
 - 40 GPM @ 45 ft. head
 - Pump suction sump strainer
 - 60 gal. 12 ga., 304 SS reservoir
 - Automatic make-up water system in the event of a loss of process water
 - 75 micron in-line filtration w/ differential gages indicating filter servicing required
 - 75,000 BTU removal capacity (based on 40 GPM and a temperature rise of 4° F and a temperature differential of 20° F minimum between hot side and cold side of heat exchange)
 - Larger heat removal and recirculation rates available upon request
- Atomized spray system
 - Allows for spray or submerged cooling
 - Atomized, full cone, replaceable distribution jets
 - One, two, or four angles of spray
 - Large (.060) free pass clearance to prevent clogging
- Multi-axis tank adjustments
 - One, two or three handwheel driven adjustments
 - 18" in-line movement
 - ±2" cross-line adjustment
 - ±3" elevation adjustment
 - Motorized axis option, joystick controlled
- V-Track
- Frame covers
- Product hold-downs
- Tank lids
- Air wipe system



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