

Vulcan Melting Kettles™



Propane or Diesel Fired Thermoplastic Material Premelters

Vulcan Kettles™ are engineered to provide unequalled performance through fast material melting, accurate temperature control and monitoring, “flame-out” proof pilot system and continuous agitation. This powerful combination of features benefits all striping operations by protecting the material from scorching or burning prior to transfer to the applicator.

Vulcan Kettle burner systems, fabrication methods, head baffling, ventilation, insulation and agitator design offer maximum safety with minimal maintenance and low operating costs, allowing crews to maximize productivity and job quality, season after season.

FEATURES

- Vertical design conserves space while providing superior material circulation and consistent heating
- Circular burner designs provides improved heat transfer
- Quick, efficient meltdown and discharge speeds
- LP-gas or diesel-fueled burner systems
- Heavy-duty, insulated all-steel tanks and components
- Air or oil jacketed
- Safety Engineered:
 - No pressurized tanks
 - Three door safety loading chute
 - Insulated side panels for worker protection
 - Twin, baffle-protected exhaust tubes
- Powerful variable speed, reversible hydraulic material agitation system
- Full radius agitator blades provide bottom and side-wiping action preventing material buildup and improved circulation of the molten materials
- Convenient access to all hardware components to simplify preventive maintenance and repair
- Optional helical blade available
- Optional square kettle designs available

AGITATOR BLADES AND DISCHARGE VALVES

Agitator blades are shaped to evenly blend the molten thermoplastic materials and keep them in a homogeneous state while constantly sweeping the kettle sides and bottom to prevent material build-up.

Discharge valves are designed to securely open and close with no requirements for external flame heating. Oil and material heating systems are thermostat controlled to maintain stable temperatures. All temperature gauges are prominently positioned for convenient operator monitoring. Kettle top and agitator system assembly allow easy removal for quick cleaning or routine preventive maintenance.

KETTLES

Vulcan Kettles are available in 7 model sizes (see chart below) and can be configured for mounting on a wide range of trailers, feeder trucks, or longliners to meet your production requirements and provide many years of reliable service.

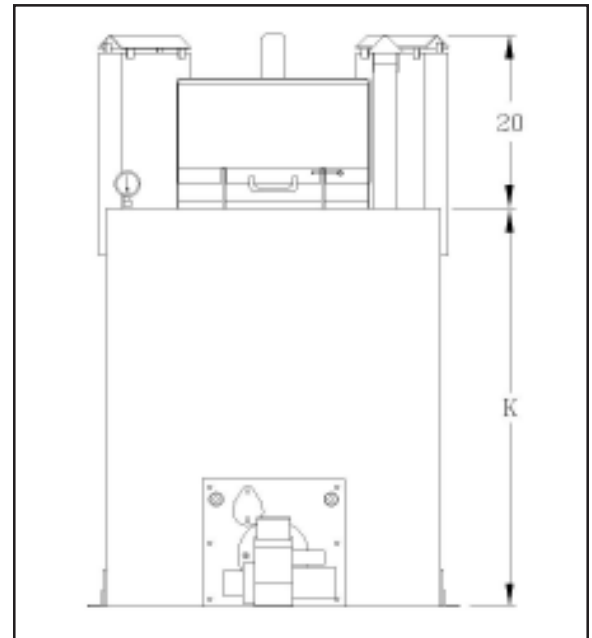
Vulcan kettles may be ordered individually or as matched pairs, triads, or quad configurations with optional connections for mounting on trailers, feed trucks, or all-in-one longliners.

Model	Capacity Pounds	Air-Jacketed Diam.	"K" Ht.	Oil-Jacketed Diam.	"K" Ht.
800	800	36"	46-7/8"	37-1/4"	49-1/4" -
1500	1500	42"	42-3/8"	42"	56-1/2"
2000	2000	42"	60-7/8"	42"	69"
2500	2500	42"	65-3/8"	42"	78-3/4"
3000	3000	42"	73-3/8"	—	—
3000	3000	46"	67-3/8"	46"	73-3/4"
4000	4000	48"	72-5/8"	—	—

Ask for dimensions of sizes not listed

ADDITIONAL INFORMATION

- **Configurations:**
Single or twin on trailer or feeder trucks; up to quad configurations on all-in-one longliners; single or multiple (up to 4) interconnections.
- **Material Heat Source:**
Diesel or Liquid Propane Burners (800 Models =242,000 BTU 1500-4000 Models =484,000 BTU); high efficiency O-ring mounted jets (LP) or closed systems diesel burners.
- **Temperature Maintenance:**
Thermostat controls for both material and oil jackets
- **Agitation:**
Hydraulic, 360° clean sweep blades, powered by propane or diesel engine; optional helical blade
- **Fast flow discharge with knife gate slide valve**
- **"Flame-out" proof pilot system and wind shielded burners**



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