

Continuous Separators



Automatic Operation

No disposable media required

Settles and removes chips and fines

Removes floating debris

Modular system permit capacities to 10,000 gallons per minute

Used often on cast iron, glass and ceramics

Easy adjustment - minimal maintenance



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Operation

1. Coolant enters the skimmer or inlet at the rear. Operational skimmer removed grease, graphite or tramp oil.
2. Flow passes under the divider and up towards the multiple overflow weirs.
3. Settled chips are removed from the bottom and out the discharge ramp to tote box via the conveyor.
4. Velocity over the weirs is reduced to approximately one vertical foot per minute rise, which eliminates crosscurrents and permits settling of fine particles.
5. Coolant flows over adjustable weirs to the clean tank, where it is pumped to tools and sluice system nozzles by clean coolant pumps.
6. Clean tank is conveyorized to prevent buildup of fines over a long period of time, which would result in coolant degradation.

The system is ideal on applications that might blind over a filter barrier, such as ceramics, glass or flocculated fluids, or with particularly heavy materials, such as cast iron, modular iron or uranium.

