High Performance Gearbox Cooling Unit

For Use on Econoline CM80 and CM92 Extruders

Today's High Production Rates Put Heavy Demands on Your Extruder Gearbox.

Our high performance gearbox cooling unit allows you to regulate the gearbox temperature to any desired setpoint. ***There is no better way to ensure maximum cooling and maximum life for the most expensive part of your extruder!***

Features:

- Bypasses the passive internal cooling coil in the gearboxes with an active pumping system. NOTE: the original cooling coil does not need to be removed to install this unit.
- This stand-alone unit has two independent oil cooling systems, one for the distribution gearbox and the other for the reduction gearbox.
- One (1) dual gear pump with mechanical seals to deliver 4 GPM and 6 GPM respectively for each fluid, up to 100 PSI.
- A 3.8 sq. ft. shell and tube heat exchanger for cooling purposes provided for each zone.
- Temperature to be controlled in each zone by a 1/16 din microprocessor, by sensing fluid temperature (via thermocouple) and controlling cooling water to heat exchanger (via solenoid)
- Each zone to be supplied with pressure relief valves plumbed to the suction side of the pump.
- "To" and "From" process pressure gauges provided.
- Separate start / stop buttons for each zone.
- Each zone equipped with a flow switch.
- Each zone equipped with a high temperature alarm.
- Low pressure switch with indication (lights) for each zone
- A red beacon light notifies the operator of an alarm condition.
- 25 Micron filter element. The filter for each zone can be changed on the fly.
- Both zones constructed in a common cabinet, with casters for ease of portability.
- All connection ports (process and cooling water) are out of the back of the system.
- Unit Dimensions: 32″D x 17″W x 27″T.
- Electrical Requirements: 460 Volts, 3 Phase, 60 Hertz
- Water Requirements: 5 GPM
- Paint color: Dark Gray, CM 5106, RAL 7016

You will need to provide the following items for proper operation of this retrofit kit:

- Provide a 460 volt, 3 phase, 60 hertz line to operate the unit.
- Provide a cooling water supply and return line to the heat exchangers.
- Mount a return line through the inspection cover.
- Connect the hoses between the gearboxes and cooling units.
- The serial number of the extruder that will be retrofitted so that proper engineering review can be made. _____

For over 30 years, Cincinnati Milacron has been the leader in cutting-edge extrusion process technology. Today, our seasoned Extrusion Aftermarket experts are dedicated to applying the same emerging technology to *your existing* extrusion equipment, as well.

We have the wide breadth of products; we have the expertise; now it's time to bring your existing extrusion equipment up to today's standards.

EXTRUSION AFTERMARKET

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