

KMT McCartney Model PMH

Reciprocating Metering Pump

The LDPE Industry Workhorse!



The McCartney Model PMH hydraulic driven reciprocating metering pump has long been the industry workhorse for initiator injection. The new Model PMHE pumps are equipped with state of the art electronic controls, replacing the now obsolete pneumatic controls used for many years. This new electronic control system can be programmed to suit any specific process, providing ultimate control of initiator flow and reactor temperature.

Pump units are available in single configuration or in a dual configuration (shown above) when space is a consideration. Single and dual pump units are supplied with manifolded process suction and discharge piping with single point connections. Cooling jackets are available when initiator flashing is a concern.

Electric motor driven hydraulic power units are built on a robust steel frame and are designed for specific operating criteria. A large volume hydraulic fluid reservoir provides a positive flooded suction to the pump. Unit is complete with suction and return filters, bleed valves, isolation valves, pressure gauges, and coupling guards. Electric motor is supplied ready to connect to motor starter.

HP intensifier is mounted above the hydraulic power unit on a common frame. HP cylinders and check valves are manufactured of VAR 4340 alloy steel for long dependable service. Check valves are double ball type on suction and discharge enhancing reliability.

Pump units can be custom designed to meet specific operating requirements at pressures up to 60,000 PSIG (4138 Bar).



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