



# Automatic Cyclic Pumps PE-44 Series

## Read Instructions Before Installing

### To Install:

- Obtain all available information from the system designer. This may include a schematic diagram, bill of materials, lubrication point locations, etc..
- Mount the reservoir in the desired location. It should be:
  - Visible to the operator.
  - Easy to re-fill and service.
- Mounting hole dimensions and clearances are shown on the backside.
- Electrical Connections - consult a qualified electrician.
  - Always follow local electrical codes, safety regulations and procedures when installing an electrical system.
  - Wire the pump to the switched side of the machine disconnect so the two are energize simultaneously.
  - Wire per the schematic on the backside of this instruction sheet.
- Cycle and interval adjustment
  - For PE-44 series, cycle controls must be supplied to pump from external source, such as a CNC.
  - Pressing the "RESTART" key will restart the lube cycle at the beginning of the time value set.
- Pumps equipped with a low level switch. When the switch is activated it will shut down the motor to avoid damage to the pump and activate the alarm.
- Mount the piston distributor injectors (PDI) higher than and near the lubrication point(s) and in an accessible location. Pump must be connected to PDI manifolds and PDI's to lubrication points by use of tubing and connecting fittings. Follow your system schematic. When connecting pipe threads apply a small amount of thread sealant to the external thread.
- Piping is done with metal or plastic tubing. Take care to prevent dirt or contamination from entering into the piping. You may choose to loosen the plug in the final PDI manifold to facilitate the initial bleeding of air and checking of oil delivery to each point. Failure to observe oil at a point requires tracing the system back towards the pump in search of a kink in a line, a loose fitting, or other problems.
- Always use clean oil poured from a clean container. Do not mix oil types or change viscosity without consulting your machine manufacturer.
- Clean the reservoir and filter elements periodically as dictated by the oil cleanliness. If in doubt, check for cleanliness at 3 months, and then 6 months. Determine service frequency based on what is found.
- If contamination enters the system, disconnect lines and flush them out. Empty reservoir, clean filter elements and re-fill the system with clean lubricant.

### Specifications:

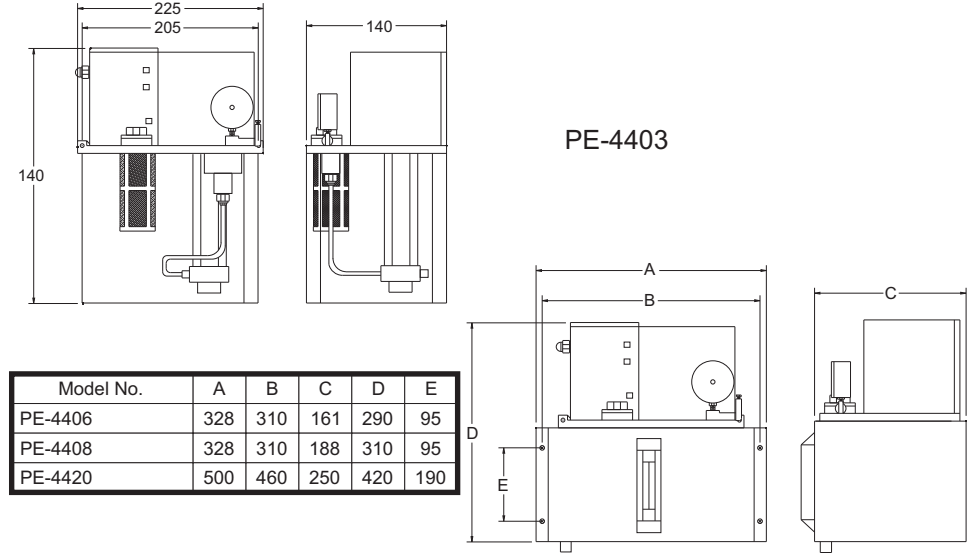
Reservoir Capacity	3 liter plastic 6, 8, and 20 liter steel
Motor Voltage	110v 50/60 standard 220v 50/60 optional
Pump Type	Gear pump
Maximum Pressure	200 psi
Output Connection	5/16-24 (f)



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### Dimensions: Dimensions in mm



### Wire Schematic:

