



P1 is the oil transfer pump that moves oil from storage to the reaction vessel.

P2 is the mixing pump. It transfers catalyst from the methoxide tank to the reaction vessel through the mixing tube. It also handles transfers from the reaction vessel directly to the wash tanks to enable us to settle fuel in the reaction vessel and the settling tank simultaneously.

P3 is the fuel transfer pump. It moves fuel from the settling tank into the wash tanks. It also transfers fuel from the wash tanks into the drying tank.

P4 is the water pump. It transfers used wash water from the wash tanks to the greenhouse for treatment.

P5 is the drying pump. It circulates fuel in the drying tank so that water can evaporate out of the fuel. It also transfers dried fuel into final storage.

- ☐ pump
- ▷ reducer
- ⋈ valve

Biodiesel Processor Schematic