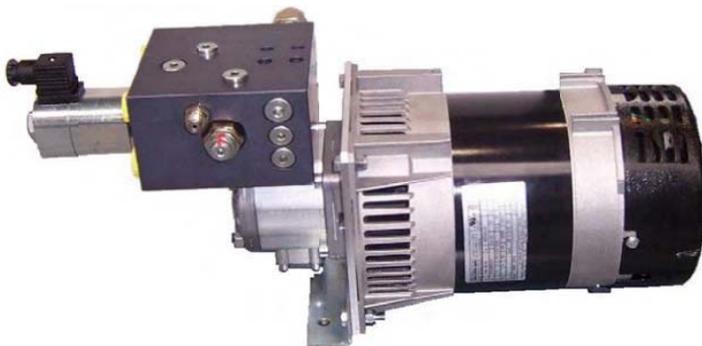


## The E4i Hydraulic Generator for Fixed Displacement Pumps

The E4i Hydraulic Generator is a purpose built onboard hydraulic generator solution for installation on equipment fitted with fixed displacement hydraulic pumps.



The manifold incorporates all of the required valves to allow the generator to operate without the need for any other component parts. It incorporates a 12v diverter valve, pressure relief valve and a pressure compensated flow control. To install, simply reconnect the existing pressure line from the pump into P1, reconnect it back out of P2 and connect a tank return line from T.

The unit operates only when the solenoid is energised, this then diverts flow away from the normal functions and through the flow control valve to provide a regulated flow through the gear motor to the alternator. Excess flow is returned to tank. When the solenoid is de-energised flow passes directly into P1 and out of P2 which simply acts as a bypass to the functions.

The electrical connections involved provide a 12v supply to the coil on the solenoid valve via a toggle switch.

