










Irrigation Pump Sets



-  Manufactured in Great Britain to a very high standard
-  Super quiet acoustic cabinet only 72db at one metre
-  Fuel filler and controls all enclosed in lockable cabinet
-  Push button easy start
-  Semi-automatic electric primer as standard
-  User-friendly control and engine protection system
-  1,750 litre (385 gal) fully bunded chassis tank
-  Superb high quality long lasting finish
-  Detachable drawbar for additional security

HIGH QUALITY MADE IN GREAT BRITAIN



All models are manufactured at our assembly plant near Ely in Cambridgeshire using the highest quality materials and attention to detail, giving built-in reliability and a long-lasting finish. Greencrop pump sets use Iveco industrial semi-electronic engines with a balanced crankshaft. These high torque engines give excellent fuel consumption and are well proven for use on irrigation pumps sets coupled to a Caprari MEC water pump.

The unit is mounted on a 1,750 litre (385 gal) fully bunded chassis tank, the largest on the market.

The whole unit runs on large 12.5/30-15.3 wheels giving stability in soft ground. The Greencrop manufactured "super silent" acoustic cabinet is carefully designed for maximum airflow, even on the hottest day, and is extremely quiet, professionally tested reading 72db at one metre. Both sides of the cabinet open fully with no obstructive centre pillars, giving unrivalled access when in use and for maintenance. The front section has a handy storage area for lay-flat hose and couplings.

The Greencrop Vison 4 Digital Control Panel could not be easier to use, push button engine start and semi auto-electric prime is standard. Digital display gives you multiple information, engine rpm, water pressure, water flow, total water used per run or per year. A pulse type water meter is also standard, giving accurate no-flow and high flow shut down, linked to the Greencrop engine protection panel, with water level, temperature, oil pressure sensors and anytime changeable hour run timer. Also, soft start and shut down control.



Further operator enhancement options can be specified, including mobile phone auto prime start/stop with Auto line fill pressure system this restricts the pump output until a pre-set line pressure is reached. On achieving this, the engine will throttle to maintain demand pressure. Or monitor irrigation in real time, either by using mobile phone SMS text messaging or through a web browser."

Model GCEP125W Irrigation Pump standard specification:

- 1,750 litre (385 gal) fully bunded two-wheel tank chassis
- Iveco N45MSTX20 tier 3, 93kW (125hp) 4-cyl turbo after cooled engine
- Caprari MEC MG 80-3/4 water pump, mounted on flywheel housing
- Greencrop user-friendly control and engine protection panel
- Semi-automatic electric primer
- Super silent 72db acoustic cabinet, with full width opening sides
- Water meter with no-flow and high-flow sensors
- 80mm check and non-return valves
- Inlet and outlet couplings conveniently positioned at the rear of the machine
- Maximum flow 144 m³ at 17 bar
- Will operate up to two 110mm hose reels
- Dimensions L:4.5m, W:2.22m, H:2.2m, Weight 2,360kg

Model GCEP170W Irrigation Pump, specification as above with:

- Iveco NEF 67MNT tier 3, 129kW (170hp) 6-cyl turbo after cooled engine
- Caprari MEC MG 100-12/A water pump, mounted on flywheel housing
- Throttle controller as standard
- Maximum flow 216 m³ at 14 bar
- Will operate up to three 110mm hose reels



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