

# ENGINE DRIVEN

SITE DRAINAGE DIAPHRAGM – PETROL & DIESEL

## SIMPLITE SPATE

- ✓ Hire Fleets
- ✓ Utilities
- ✓ Transfer

- 50mm (2") – 80mm (3") inlet
- auto ("dry") priming
- site trolley
- petrol driven
- diesel driven
- Honda engine
- Yanmar engine

The **Simplite** are automatic priming, diaphragm pumps powered by either OHV Honda petrol, (with oil alert), or Yanmar diesel, engines. They are fitted with a nitrile rubber diaphragm, so priming is unnecessary and indefinite dry running is permissible. They can handle site water, slurries, sand, silt and solids up to 13mm. The inlet and outlet ports, pump chambers, covers and chain guards are all constructed from aluminium. All models have a heavy duty steel chassis with handles, 250mm solid rubber wheels, and a prop-stand, and are supplied with a suction strainer, but hoses are extra. Maximum suction lift is 8.8 metres; however 6 metres, or less, is recommended. This popular series of pumps is widely used by Utilities and regularly found on hire fleets.

The **Spate** is also an automatic priming, diaphragm pump powered by a Yanmar diesel engine. The twin pumping cylinder also incorporates nitrile rubber diaphragms and, like the Simplite, it can handle site water, slurries, sand and silt. Priming is unnecessary and indefinite dry running is permitted. It can handle solids up to 6mm. The inlet and outlet ports, pump cylinders and covers are all constructed in aluminium and the unit is mounted on a site trolley with 250mm solid rubber wheels. Supplied with a suction strainer (hoses extra). Maximum suction lift is 9.1 metres, however 6 metres, or less, is recommended. Used extensively by utilities and hire companies, however, with an alternative diaphragm (at extra cost), it is particularly useful in pollution control and oil spill clean up.

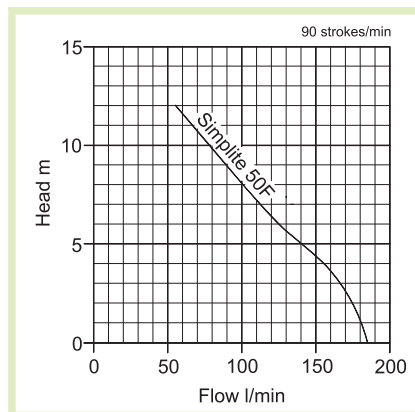
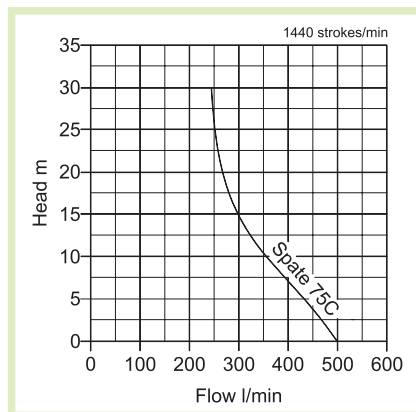
*Simplite and Spate benefit from full nationwide manufacturer's support.*



**Spate 75C**  
(stone catcher optional extra)



**Simplite**



| model  | inlet (mm) | outlet (mm) | engine | fuel   | HP  | oil alert | flow (l/min) | head (mtrs) | w x l x h (mm) | free passage (mm) | weight (kgs) |
|--|------------|-------------|--------|--------|-----|-----------|--------------|-------------|----------------|-------------------|--------------|
| Simplite 50F   | 50         | 80          | GX120  | petrol | 4.0 | yes       | 183          | 12          | 510x980x745    | 13                | 68           |
| Simplite 50F   | 50         | 80          | L48    | diesel | 3.0 | n/a       | 183          | 12          | 510x1060x745   | 13                | 90           |
| Spate 75C (exc s/catcher)  | 80         | 80          | L48    | diesel | 3.4 | n/a       | 500          | 30          | 640x1000x630   | 6                 | 70           |
| Optional extra: electric start for Simplite with L48 diesel engine |            |             |        |        |     |           |              |             |                |                   |              |
| Optional extra: electric start for Spate with L48 diesel engine    |            |             |        |        |     |           |              |             |                |                   |              |
| Optional extra: stone catcher for Spate                            |            |             |        |        |     |           |              |             |                |                   |              |