



PUMPSET UNITS

GROUNDHOG Systems offer a comprehensive range of pumpset units to suit the needs of farmers and contractors. Groundhog have a comprehensive range of Pumpset Units, based on either CENTRIFUGAL (Impeller) or POSITIVE DISPLACEMENT (Screw) type pumps.

Centrifugal Pumpsets

Centrifugal Pumps offer the operator high output over a range of pumping conditions. We can offer pumps from the Bauer Magnum range or from the Doda Afi range.



Bauer SM1000HD

- Delivery capacity 40 – 240 m³/hr
- Delivery head 142 – 106 m
- Driving Speed 1000 rpm
- Minimum Driving Power 108Kw (142 hp)

Doda DL27

- Delivery capacity 50 – 200 m³/hr
- Delivery head 90 - 145 m
- Driving Speed 540 rpm
- Minimum Driving Power 55Kw (72 hp)

Positive Displacement Pumpsets

Positive Displacement Pumps are the only type of pump to give the operator complete control over flow and application rates through large viscosity, distance and head.



Wangen GL50S 100.2

- Delivery capacity 100 m³/hr
- Delivery head 140 m
- Driving Speed 500rpm
- Minimum Driving Power 50 Kw



Advantages of Positive Displacement Pumping Units:

- SELF PRIMING
 - All PD Pumps are Self Priming
- ACCURATE FLOW RATES
 - Pumped Media is metered into the outlet chamber
- GENUINE FLOW RATES
 - Negligible drop in flow rates with an increase in pumping pressure
- LOW POWER REQUIREMENT
 - Very Efficient pumping system means low power requirement
- LOW SPEED
 - Minimises running cost of Tractor P.T.O & Engine Driven Units
- HIGHER CONTROLLABILITY
 - Constant Flow, Variable Pressure pumping principal means that umbilical flow control systems can be easily incorporated



PED 100.2



PBS 120.2