



# High Flow Drainer Pump

#### **Features**

- High flow & high efficiency
- Exceptional air handling
- Indefinite dry running
- Selprime automatic self priming
- Environmentally friendly
- Emission compliant engines
- Ease of operation & maintenance
- Robust construction

### **Options**

- Super Silent canopy - lockable and fully bunded
- Site chassis
- Skid chassis
- Static chassis
- Auto stop-start controls
- Telemetry systems
- Oil drain kit
- Auxiliary fuel connection
- Chalwyn valve spark arrester

### Accessories

- Hoses
- Strainers
- Couplings & adaptors
- Fuel bowsers & cubes
- Settlement tanks
- Drip tray & bunds
- Recommended spares kits

### **Applications**

- Wellpoint dewatering
- Stockpile dewatering
- Clean water
- Water with fine solids
- Water with larger solids

#### **Industries**

- Quarry & mining
- Construction & civil engineering
- Water & waste water
- Municiple
- Rental
- Ground stabilisation and piling
- Industrial
- Pollution control



Specification				
Capacity	m³/h	275		
Delivery Head	m	21		
Max. Solids Size	mm	45		
Self Priming Lift	m	8.8		
Air Handling	l/s	48		
Selprime <sub>®</sub> Absorbs	kW	4.4		
Power Required	kW	12		
Pump Speed Max.	rpm	1500		
Pump Speed Min.	rpm	TBA		
Impeller Type		Drainer		
Impeller Blades		3		
Impeller Dia.	mm	255		
Inlet Port	mm	150		
Outlet Port	mm	150		
Fuel Tank Capacity*	Itrs	105 site 105 skid 219 Super Silent		
Fuel Consumption BEP	lt/hr	TBA		

\* Fuel tank capacity can be increased with the addition of a fuel bowser or cube. TBA - To be advised.

### **Priming Method**

## SELPRIME

The unique original Selwood self priming system utilising a water tolerant diaphragm air pump. An environmentally friendly design that has none of the problems of oil vapour emissions and oil emulsification associated with other priming systems.

Pump Materials		
Pump Casing	Grey Iron BSEN 1561 Grade EN-GJL-250	
Impeller	Cast Iron BSEN 1563 Grade EN-GJS-450-10	
Wear Plates	Cast Iron BSEN 1563 Grade EN-GJS-450-10	
Shaft	Steel BS10277 Grade C40+C	
NRV Body	Grey Iron BSEN 1561 Grade EN-GJS-250	
Mechanical Seal	Silicon Carbide v Silicon Carbide	
Pump End Bearing	Taper Roller	
Drive End Bearing	Taper Roller	

Prime Movers		
Engine Options	Deutz 2011L03i	
	Perkins 404-22	
Electric motors available		

Weights & Measures				
4 Wheel Site	Length	268 cm		
	Width	120 cm		
	Height	144 cm		
	Dry Weight	910 kg		
Super Silent	Length	240 cm		
Canopy	Width	149 cm		
	Height	173 cm		
	Dry Weight	1570 kg		
	db(A)@ 7m	59		
	LWA	TBA		

<sup>\*</sup> Open sets exclude fittings

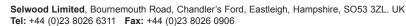
Specifications and illustrations are subject to revision without notice.











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# **Selwood D150WP Performance Curve** Clean Cold Water s.g 1.0

