



## GROUNDWATER CONTROL

# GEOVAC WP

## WELLPOINT PUMP

The **GEOVAC** is a range of high efficiency modular, suction pumps specifically designed for wellpoint dewatering applications.

With a proven design the **GEOVAC** provides the ultimate in reliability together with maximum performance allowing more wellpoints and deeper suction.

### FEATURES

**PROVEN DESIGN** - design pedigree of over 18 years

**RUGGED CONSTRUCTION** - impellers hydraulically balanced to minimise axial and radial thrusts to ensure long bearing life.

**EASE OF MAINTENANCE** - back pull out design on the pump allows easy removal of the rotating assembly, plus easy access to all moving parts.

**LARGE AIR HANDLING** - capacities up to 170m<sup>3</sup>/hr ensures fast automatic priming and large air handling capabilities.

**ANTI-CORROSION** - the pump unit is available with a special anti-corrosion coating or in cast Stainless Steel to guarantee long life in the harshest of environments.

**HIGH EFFICIENCY - LOW COST** - high efficiency means more water pumped for less horsepower thus minimising engine size and lowering fuel consumption.

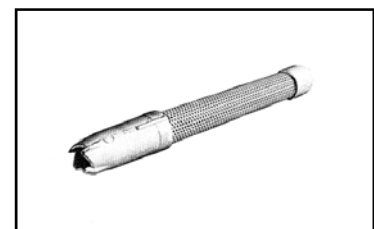
### BENEFITS

**More wellpoints per pump**

**Pumps further and deeper**

**Low maintenance and running costs**

**Lasts longer than other comparable pumps**





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### SPECIFICATION

#### PUMP CONSTRUCTION

The pump is of long coupled design connected via a flexible coupling to the engine. Impeller is keyed to a stainless steel shaft. Gland sealing is effected by means of a renewable mechanical seal.

#### ENGINE

Deutz air cooled diesel engine with electric start. Fitted with fuel lift pump and exhaust silencer.

#### SEPARATOR TANK

Fabricated from mild steel. Compact design optimising air separation with minimum flow restriction. Fitted with vacuum gauge.

#### FLOAT GEAR

Fullway type control valve.

#### VACUUM PUMP

Rotary air-cooled vacuum pump with flood lubrication to bearings and vanes, continuously belt driven from pump shaft.

#### CHASSIS

Four solid wheeled with steering and towing handle. Large built in fuel tank for over 24 hour running.

#### DISCHARGE VALVE

Ball type with flanged bend.

#### SUCTION & DELIVERY

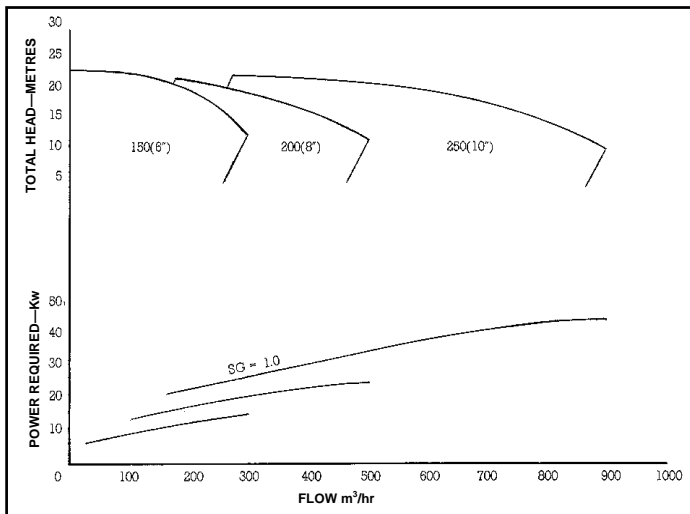
100-250 mm

#### ACCESSORIES

Suction hose.  
Polyethylene discharge pipe.

#### OPTIONS

Bronze impeller.  
Stainless steel pump & impeller.  
Electric motor (including starter).  
Alternate engines.  
2 wheel pneumatic wheel chassis.  
High-speed trailer, skid or base frame.



Your local agent is:

PUMP MODEL	WATER FLOW m <sup>3</sup> /hr	AIR HANDLING m <sup>3</sup> /hr	MAXIMUM SUCTION metres	TOTAL HEAD metres	INLET OUTLET mm/ins	SPEED rpm	ENGINE MODEL	ENGINE POWER	STARTING
150	300	119	9.8	23.5	150/6	1500	F3L912	24	electric
200	500	119	9.8	23.5	200/8	1500	F4L912	32	electric
250	90	170	9.8	23.5	250/10	1500	F6L912	48	electric



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