

WELLPOINT DEWATERING

High Pressure **Jetting Pumps** are needed to install most types of wellpoint. The water is forced through the end of the wellpoint or placing tube. The wellpoint or tube sinks down through the fluidised column under its own weight.

Jetting Pumps consist of high pressure pumps coupled to a high speed diesel engine mounted on a site going trailer. Priming of the pump is carried out by either a hand diaphragm or rotary vacuum pump depending on model type.





GROUNDWATER CONTROL JETTING PUMPS

SPECIFICATION

PUMP CONSTRUCTION

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

ENGINE

Deutz F2L 1011 air cooled diesel engine with electric start. Fitted with fuel lift pump and exhaust silencer. Developing 19Kw at 3000 rpm.

SEPARATOR TANK

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

HAND PRIME UNIT (WHERE FITTED)

Robust and simple diaphragm hand pump for easy priming

LOAD GEAR

Fullway type control valve

VACUUM PUMP

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

DISCHARGE VALVE

Ball or clack type with flanged bend

SUCTION & DELIVERY

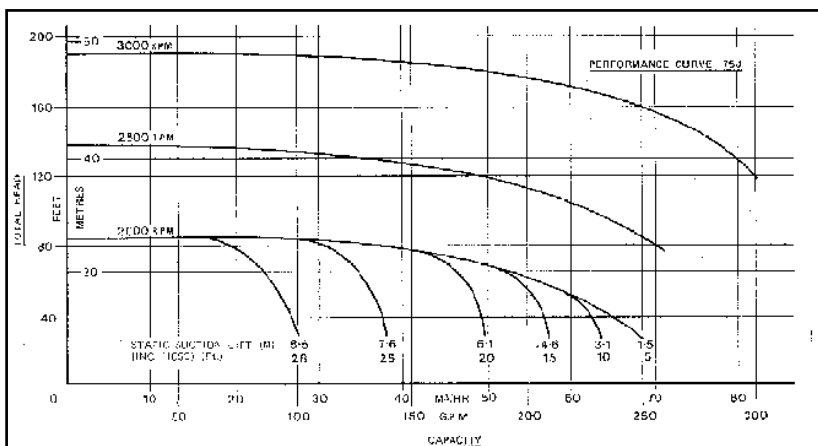
100mm (4") BSTD suction
75mm (3") BSTD delivery

ACCESSORIES

100mm (4") suction intake
100mm (4") suction hose
75mm (3") Polyethylene discharge pipe
75mm (3") to 2 1/2" instantaneous adaptor
63mm (2 1/2") Jetting hose with QA fittings

OPTIONS

Electric motor (including starter)
Alternate engines
2 wheel pneumatic wheel chassis
High-speed trailer, skid or base frame



APPROXIMATE DIMENSIONS AND SHIPPING SPECIFICATION

4 Wheel	1 Pallet	1.46m x 1.24m x 1.33m
Gross		440Kg
Nett		390Kg