



**DAWSON**  
CONSTRUCTION PLANT LTD

**INNOVATIVE  
PILING  
EQUIPMENT**

DAWSON CONSTRUCTION PLANT  
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MILTON KEYNES,  
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# HPH6500 POWERPACK

This Dawson power pack is fully self contained, including all oil and fuel reservoirs, prime mover and hydraulic circuitry. The power pack is designed to be directly connected to the working element of the system; however it can be connected through further hydraulic valves to perform alternative operations with guidance from the manufacturer.

The power pack is designed to produce a fixed oil

flow rate at a pre-set pressure to supply hydraulic piling hammers in various environments from hot summers in Kuwait to cold winters in Ontario. The diesel engine runs at a fixed RPM and is calibrated against the pump flow rate. A built in offline filtration system is used to condition the hydraulic oil to 2 microns and remove an amount of water contamination.

HOT METAL SPRAYED PRIOR TO  
OFFSHORE SPEC. POWDER COATING.



PARKER PV+140cc  
HYDRAULIC PUMP

CATERPILLAR C6.6 ACERT® - 6 CYLINDER  
DIESEL MOTOR WITH TURBOCHARGER  
AND INTER-COOLING.

SPECIFICATION	UNITS	DHP170
DIESEL ENGINE POWER	kW	168
	rpm	2200
HYDRAULIC SYSTEM PRESSURE	bar	270
	psi	3915
OIL FLOW RATE	l/min	270
SIZE - LENGTH x WIDTH x HEIGHT	m	3.8 x 1.5 x 2
	ins	149 x 59 x 78
WEIGHT	kg	4800
	lbs	10,560
FUEL CAPACITY	litres	460
FUEL CONSUMPTION @ 60%	litres / hour	28

