

INNOVATIVE PILING EQUIPMENT

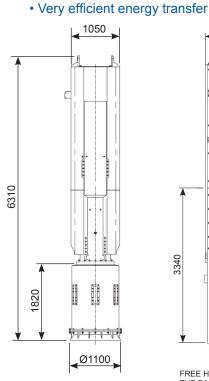
DAWSON CONSTRUCTION PLANT
CHESNEY WOLD,
BLEAK HALL,
MILTON KEYNES,
MK6 1NE
ENGLAND

TEL. +44 1908 240300 FAX. +44 1908 240222 EMAIL. DAWSON@DCPUK.COM

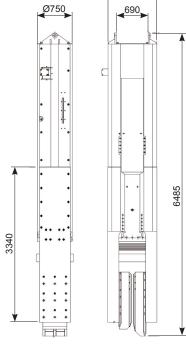
www.dcpuk.com

HPH6500 PILING HAMMER

- Fast hammer blow rate for rapid pile penetrationNo electrical cables to the hammer, good reliability
- Robust construction
- Easily maintained by Diesel / Mechanical fitter
- Intelligent cushion block irons out peak stresses
 Very efficient energy transfer



UNIVERSAL GUIDE SLEEVE SUITS UP TO Ø914mm (36") PILES



FREE HANGING WITH LEG GUIDES.
THE BASIC HAMMER CAN BE FITTED WITH LEG
GUIDES THAT HAVE FLEXIBLE LEG INSERTS AS
SHOWN. DIFFERENT LEG INSERT CAN BE USED
TO ADAPT TO DIFFERENT SHEET PILE TYPES.
THE HAMMER READILY FITS PAIRS OF MOST 'U'
OR 'Z' SHEET PILES WITH DIFFERENT INSERTS.
INSERTS CAN ALSO BE SUPPLIED TO PERMIT THE
HAMMER TO DRIVE H-PILES.



INSON

| SPECIFICATION | UNITS | HPH6500 |
|--|--------|---------|
| RAM WEIGHT | kg | 4,650 |
| | Ibs | 10,250 |
| IMPACT VELOCITY | m/s | 5.25 |
| | ft/s | 17.20 |
| MAXIMUM ENERGY TRANSFERED TO PILE | KNm | 65.00 |
| | ft.lbs | 47,000 |
| MINIMUM ENERGY TRANSFERED TO PILE | KNm | 25.00 |
| | ft.lbs | 18,444 |
| BLOW RATE | bpm | 80-120 |
| LENGTH - LEAD MOUNTED | mm | 5,350 |
| | ins | 210 |
| MINIMUM WIDTH OF BODY | mm | 750 |
| | ins | 29.5 |
| WEIGHT - LEAD MOUNTED | kg | 10,400 |
| | Ibs | 23,300 |
| WEIGHT - FREE HANGING WITH SHEET PILE LEG GUIDES | kg | 14,600 |
| | Ibs | 32,700 |
| WEIGHT - FREE HANGING WITH GUIDE SLEEVES | kg | 13,500 |
| | Ibs | 29,750 |



HPH6500 POWERPACK

DAWSON CONSTRUCTION PLANT
CHESNEY WOLD,
BLEAK HALL,
MILTON KEYNES,
MK6 1NE
ENGLAND

TEL. +44 1908 240300 FAX. +44 1908 240222 EMAIL. DAWSON@DCPUK.COM

www.dcpuk.com

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 enviroments 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.



| 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 |
| | Ibs | 10,560 |
| FUEL CAPACITY | litres | 460 |
| FUEL CONSUMPTION @ 60% | litres / hour | 28 |