



Piling Hammer

tmsltd

Contact
+44 (0) 1626 866066
tmsmaritime.co.uk

HYDRAULIC PILING HAMMER

- Fast hammer blow rate for rapid pile penetration
- Full energy monitoring on screen
- Full history of hammer performance
- Highly reliable and robust electrical switching
- Intelligent stroke control
- Very few serviceable parts, with on screen fault diagnostics
- Easily maintained by Diesel / Mechanical fitter
- Cushion block irons out peak stresses
- Very efficient energy transfer

SPECIFICATION	UNIT S	HPH1200
RAM WEIGHT	kg	1,040
	lbs	2,300
IMPACT VELOCITY	m/s	4.76
	ft/s	15.60
MAXIMUM ENERGY TRANSFERRED TO PILE	KNm	12.0
	ft lb	8,680
MINIMUM ENERGY TRANSFERRED TO PILE	KNm	6.2
	ft lb	4629
BLOW RATE	bpm	80-120
LENGTH - LEAD MOUNTED	mm	3,800
	in	150
MINIMUM WIDTH OF BODY	mm	406
	in	15.98
WEIGHT - LEAD MOUNTED	kg	3,000
	lbs	6,600
WEIGHT - WITH SHEET PILE LEG GUIDES + SPREADER PLATE	kg	3,000
	lbs	6,600

PILE CONFIGURATIONS

- . ALL LARSSSEN SHEET PILES IN SINGLES/PAIRS WITH STD LEG INSERTS.
- . ALL FRODINGHAM SHEET PILES IN SINGLE/PAIRS WITH STD LEG INSERTS.
- . H-PILES 305x305 UPWARDS WITH STD LEG INSERTS
- . H-PILES SMALLER THAN 305x305 WITH SPECIAL LEG INSERTS.
- . CONCRETE & TIMBER PILES UP TO 350x350 WITH STD LEGS
- . TUBULAR PILES UPTO Ø410 WITH STD LEGS

SPECIAL LEGS & INSERTS AVAILABLE ON REQUEST

SPECIFICATION	UNIT S	DAWSON
DIESEL ENGINE POWER	kW	93
	rpm	2,100
HYDRAULIC SYSTEM PRESSURE	bar	240
	psi	3480
OIL FLOW RATE	L/min	75
SIZE - LENGTH x WITH x HEIGHT	m	2.85 x 1.34 x 2.26
	in	112 x 53 x 89
WEIGHT	kg	3000
	lbs	6,600
FUEL CAPACITY	litres	275
FUEL CONSUMPTION @60%	litres / hour	15.2