

J&G SALES, INC.

PILE DRIVING EQUIPMENT

HPSI Model 450

Model 450 Exciter

	Specifications	
	US	Metric
Eccentric Moment (In/Lbs, Kgm)	5000	58
Dynamic Force (Tons, Tonnes)	182	165
Frequency (VPM)	1600	1600
Amplitude (Inches, Mm)	1.12	28.5
Pile Clamp Force (Tons, KN)	200	1780
Maximum Crane Pull (Tons, KN)	75	667
Length (Inches, Mm)	184	2590
Width @ Throat (Inches, Mm)	96	356
Height (Inches, Mm)	120	2590



Model 450 Power Unit

	Specifications	
	US	Metric
Engine	C18 CAT	
Power (HP, KW)	700	522
Speed (RPM)	2100	2100
Operating Pressure (PSI, BAR)	5000	345
Flow (GPM, LPM)	202	764
Length (Inches, Mm)	166	4674
Width (Inches, Mm)	72	1676
Height (Inches, Mm)	104	2616

WEIGHTS FOR MODEL 450			
EXCITER		Shipping Weight	Suspended Weight
Sheeting Clamp	200 Ton	24,450	22,500
Caisson Beam	7 ft	26,480	25,480
	10 ft	28,100	27,100
	11 ft	28,640	27,640
	13 ft	29,720	28,720
	14 ft	30,260	29,260
POWER UNIT		Shipping Weight	Suspended Weight
		17,100	17,100

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