

CRANE SUSPENDED VIBRATOR - CSV300

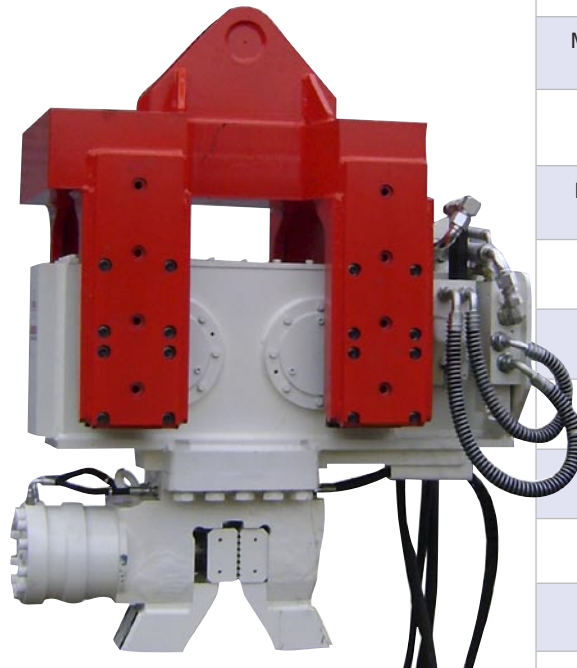
WORLDWIDE
DEALER
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GLOBAL
SUPPLY,
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SUPPORT.

DAWSON CONSTRUCTION PLANT
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MILTON KEYNES,
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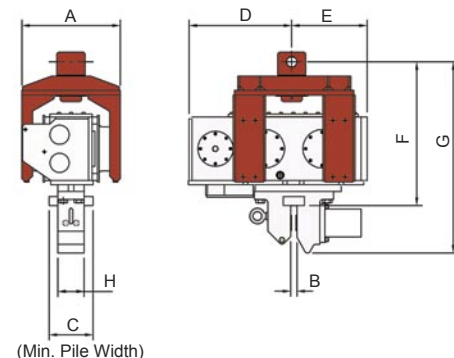
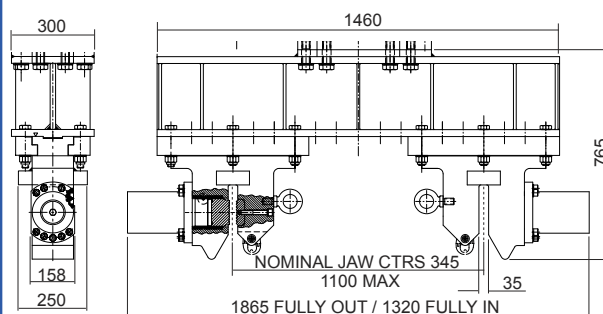
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SPECIFICATION	UNITS	Vibro Model
		CSV300
STATIC MOMENT	in.lbs	400
	kgm	4.6
FREQUENCY	vpm	2,400
CENTRIFUGAL FORCE	lbs	67,420
	kN	300
AMPLITUDE - PEAK TO PEAK	ins	0.58
	mm	14.7
MINIMUM REQUIRED FLOW RATE	gpm	35
	l/min	130
MAXIMUM ALLOWABLE FLOW RATE	gpm	67
	l/min	250
MINIMUM HYDRAULIC MOTOR PRESSURE	psi	4,060
	bar	280
MAXIMUM HYDRAULIC MOTOR PRESSURE	psi	5,076
	bar	350
MINIMUM HYDRAULIC MOTOR POWER	hp	80
	kW	60
MAXIMUM CLAMP CIRCUIT PRESSURE	psi	4,205
	bar	290
MINIMUM CLAMP CIRCUIT PRESSURE	psi	4,060
	bar	280
DYNAMIC MASS	lbs	1,430
	kg	650
TOTAL MASS	lbs	3,344
	kg	1,520
MAXIMUM PILE MASS	lbs	1,760
	kg	800
MAXIMUM PUSH/PULL LOADING	lbs	33,600
	kg	15,000
CLAMP FORCE	Tonne	36
DIMENSIONS mm (inch)	A	654 (26)
	B	32 (1.25)
	C	250 (10)
	D	582 (23)
	E	429 (17)
	F	1022 (40)
	G	1292 (51)
	H	150 (6)

CAISSON BEAM

Jaw assemblies can be positioned to suit any tube size between Ø550 & 1100mm.





DAWSON
CONSTRUCTION PLANT LTD

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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

