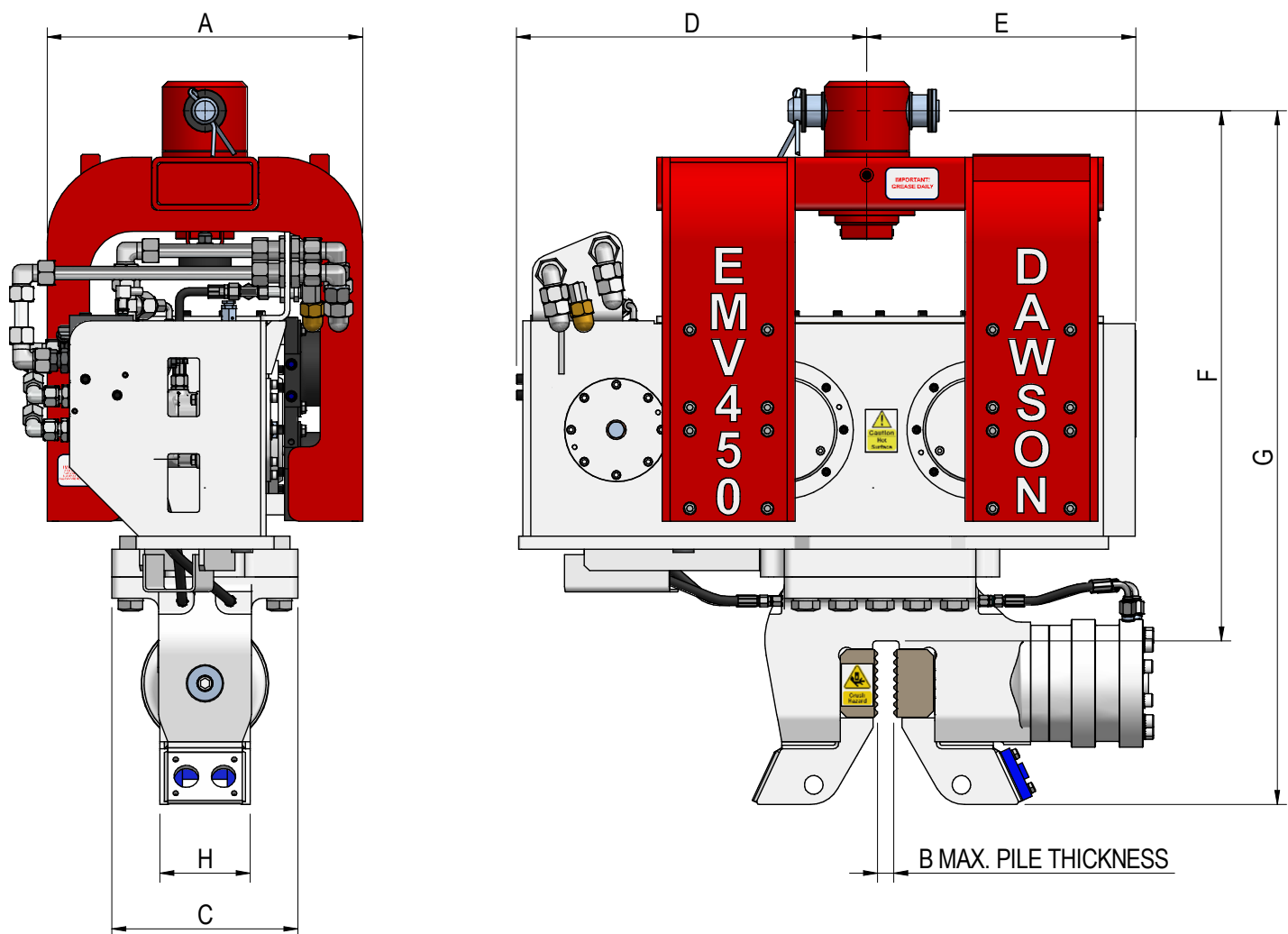


EMV450 EXCAVATOR MOUNTED VIBRATOR

BASIC TECHNICAL SPECIFICATIONS

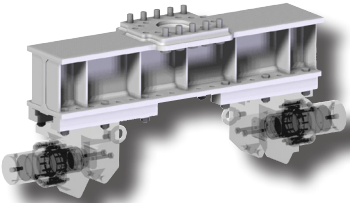
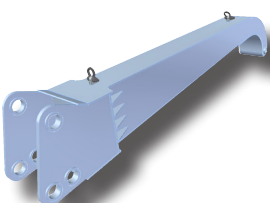
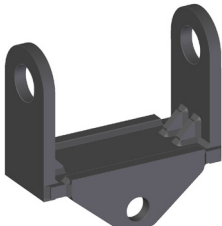
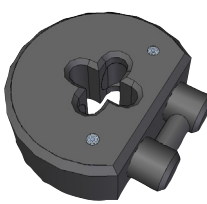
SPECIFICATIONS	EMV450	
UNITS	METRIC	IMPERIAL
STATIC MOMENT	4.6 kg.m	600 in-lbs
FREQUENCY	2460 rpm	
CENTRIFUGAL FORCE	450 kN	101,164 lbf
AMPLITUDE	13.7 mm	0.54 in
REQUIRED HYDRAULIC FLOW RATE *	195 L/min	52 gpm
MIN. HYDRAULIC PRESSURE	270 bar	3,915 psi
MAX. HYDRAULIC PRESSURE	350 bar	5,076 psi
MIN. HYDRAULIC POWER	88 kW	118 hp
DYNAMIC MASS	1,008 kg	2,222 lbs
TOTAL MASS	1,275 kg	2,811 lbs
MAX. PILE MASS	1,000 kg	2,205 lbs
MAX. PUSH/PULL FORCE	13,200 kg	29,100 lbs
CLAMP FORCE	54 t-f	59.4 T-f
TYPICAL EXCAVATOR WEIGHT	25 to 35 tonnes	

*REQUIRED FLOW FOR MAX. FREQUENCY.



DIMENSIONS	A	B	C	D	E	F	G	H
mm	594	32	350	660	506	997	1305	170
in	23.5	1.25	14	26	20	39.3	51.5	6.5

EMV AUXILIARY EQUIPMENT

ITEM	DESCRIPTION	PART No.	APPROX. WEIGHTS
	CAISSON BEAM Caisson beam jaw assemblies can be positioned to suit any tube size between Ø300 mm & Ø1100 mm.	4900	EMV300 / 1500 kg
			EMV450 / 1700 kg
			EMV525HA / 1800 kg
	SWAN NECKS For extended reach and greater pile clearance on your excavator arm, enabling longer piles to be driven.	Various (enquire)	2m / 520 kg
			3 m / 680 kg
			4 m / 1020 kg
	ADAPTOR BRACKETS A range of brackets to suit the EMV connection to various excavators sizes.	Various (enquire)	50 - 70 kg
 4589 (with integrated adaptor bracket)  4586 (adaptor bracket sold separately)	QUICK HITCH ADAPTOR BRACKETS When an excavator has a quick hitch fitted and a double acting breaker to supply the EMV, the quick hitch adaptor bracket supplies fast, easy connection to the end equipment while maintaining the same degree of movement.	4586	112 kg
		4589	200 kg
	CHAIN CLAMPS For lifting piles under an EMV. The unit indexes along the links of a chain and locks into place giving a quick and simple chain lock for lifting.	TLR360 (10 mm)	1.2 kg
		4130 (16 mm)	3.7 kg