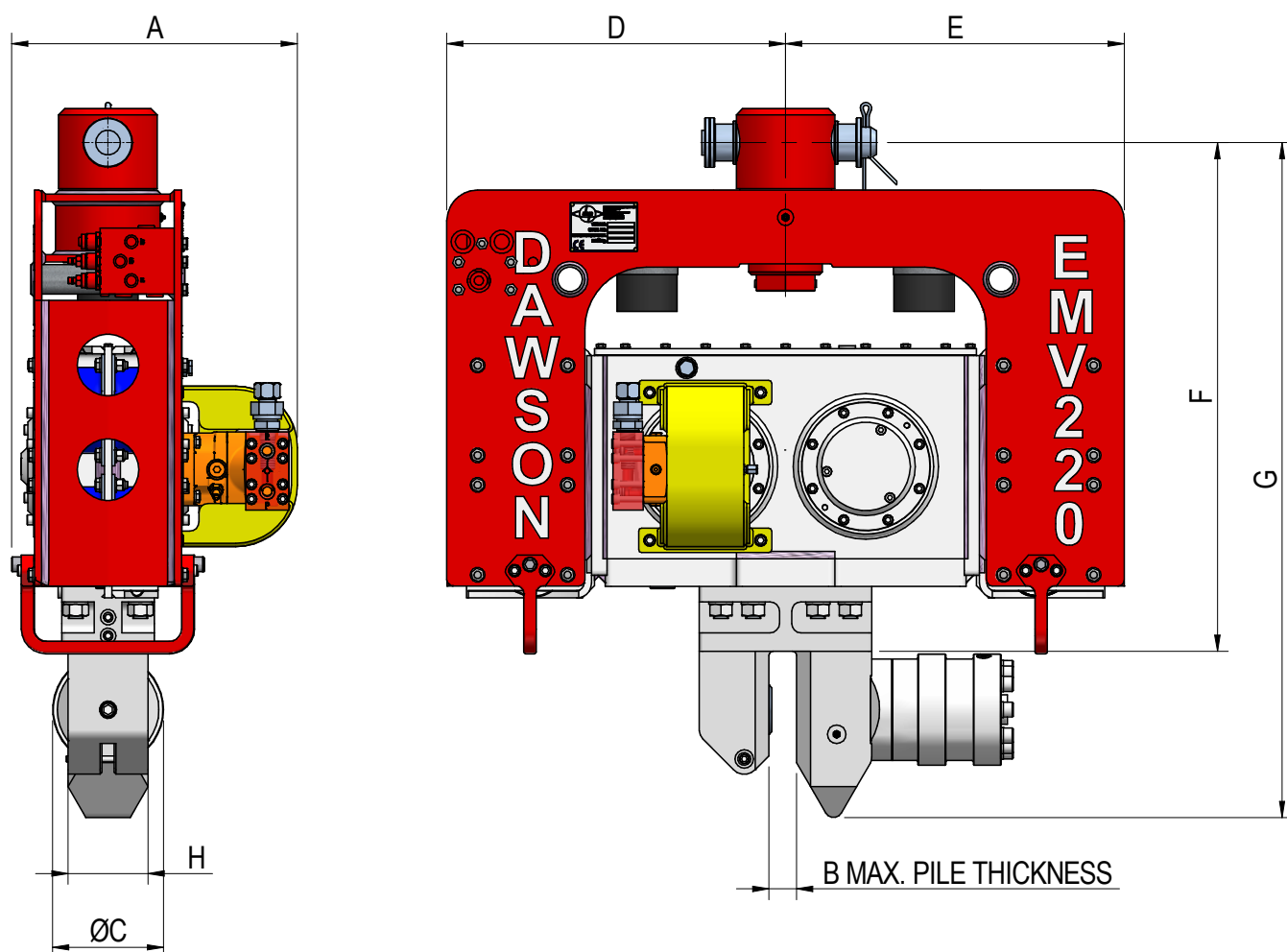


EMV220 EXCAVATOR MOUNTED VIBRATOR

BASIC TECHNICAL SPECIFICATIONS

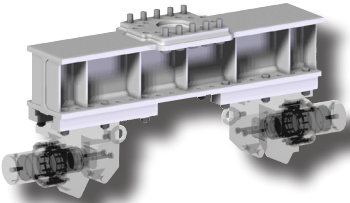
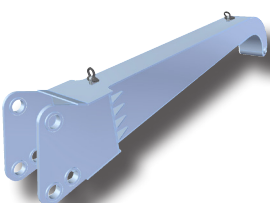
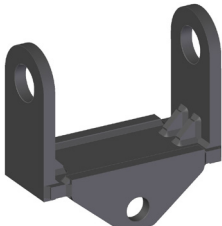
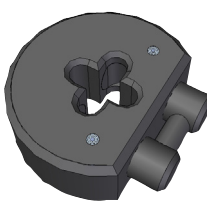
SPECIFICATIONS	EMV220	
UNITS	METRIC	IMPERIAL
STATIC MOMENT	2.3 kg.m	200 in-lbs
FREQUENCY	3,000 rpm	
CENTRIFUGAL FORCE	220 kN	50,236 lbs.F
AMPLITUDE	12 mm	0.45 in
REQUIRED HYDRAULIC FLOW RATE *	90 L/min	24 gpm
MIN. HYDRAULIC PRESSURE	280 bar	4,060 psi
MAX. HYDRAULIC PRESSURE	350 bar	5,076 psi
MIN. HYDRAULIC POWER	42 kW	80 hp
DYNAMIC MASS	370 kg	814 lbs
TOTAL MASS	580 kg	1,368 lbs
MAX. PILE MASS	800 kg	1,760 lbs
MAX. PUSH/PULL FORCE	7,500 kg	16,500 lbs
CLAMP FORCE	26.5 t-f	29.2 T-f
TYPICAL EXCAVATOR WEIGHT	7 - 18 tonne	

*REQUIRED FLOW FOR MAX. FREQUENCY.



DIMENSIONS	A	B	C	D	E	F	G	H
mm	480	40	180	550	550	825	1095	130
in	19	1.5	7	21.6	21.6	32.5	43	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