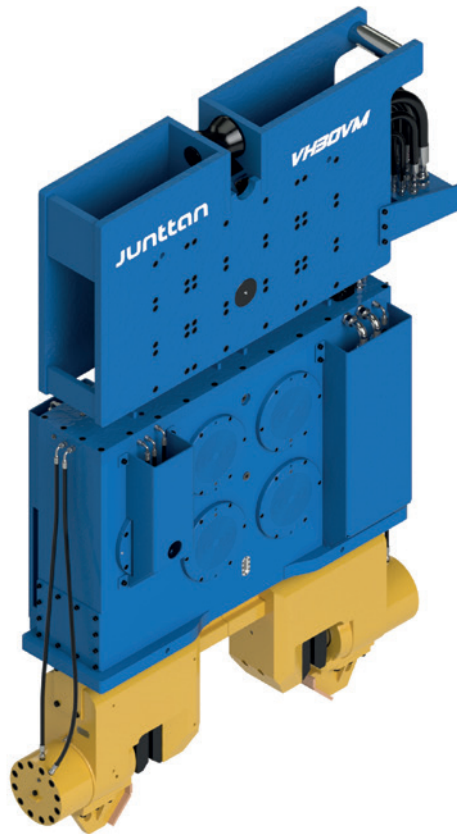


VH30VM

Free-hanging Vibratory Hammer



Suitable near existing foundations, bridge abutments and historical buildings for optimal protection from vibrations.

Ultimate control is achieved with the cutting-edge VH VM models (Vibratory Hammers with Variable Moment). The innovative variable motor allows for the adjustment of amplitude and eccentric moment for precise customization from minimum to maximum levels. Our innovative technology ensures that the position of the eccentric masses align with the start and stop of the vibration, eliminating resonance and enabling the vibration to reach its maximum frequency. Powered by Junttan vibratory Power Pack models (PP series), the VH VM models significantly reduce disturbance to the surrounding soils, ensuring a smooth and efficient operation.

Key features

- ✓ Maximum performance with minimum ground vibration
- ✓ Ideal for urban job sites or in areas sensitive to vibration
- ✓ Resonance-free start and stop
- ✓ Ideal for sandy soils
- ✓ Optimal adaptation to soil conditions
- ✓ A wide range of clamping solutions

Technical data

Technical Specifications

UNIT	METRIC	US
ECCENTRIC MOMENT	0 – 30 KGM	0 – 2603 IN/LBS
CENTRIFUGAL FORCE MAX.	1746 KN	197 TONS
FREQUENCY	2300 RPM	2300 RPM
OIL FLOW	767 L/MIN	203 GPM
POWER	448 KW	601 HP
AMPLITUDE 1	3 MM	0.5 IN
PULLING FORCE MAX.	706 KN	80 TONS

Weight and Dimensions

UNIT	METRIC	US
DYN. WEIGHT W/O CLAMP	4650 KG	10252 LBS
TOTAL WEIGHT W/O CLAMP	6218 KG	13709 LBS
LENGTH / L1	2210 MM	87 IN
LENGTH / L2	1990 MM	79 IN
LENGTH / L3	1900 MM	75 IN
HEIGHT / H1	2460 MM	97 IN
HEIGHT / H2	3364 MM	133 IN
WIDTH / W1	388 MM	15 IN
WIDTH / W2	729 MM	29 IN
WIDTH / W3	400 MM	16 IN
THROAT WIDTH	390 MM	15.4 IN

Recommended Clamp Type for Sheet Piles / SC200

UNIT	METRIC	US
CLAMPING FORCE	2262 KN	255 TONS
WEIGHT	1195 KG	2635 LBS

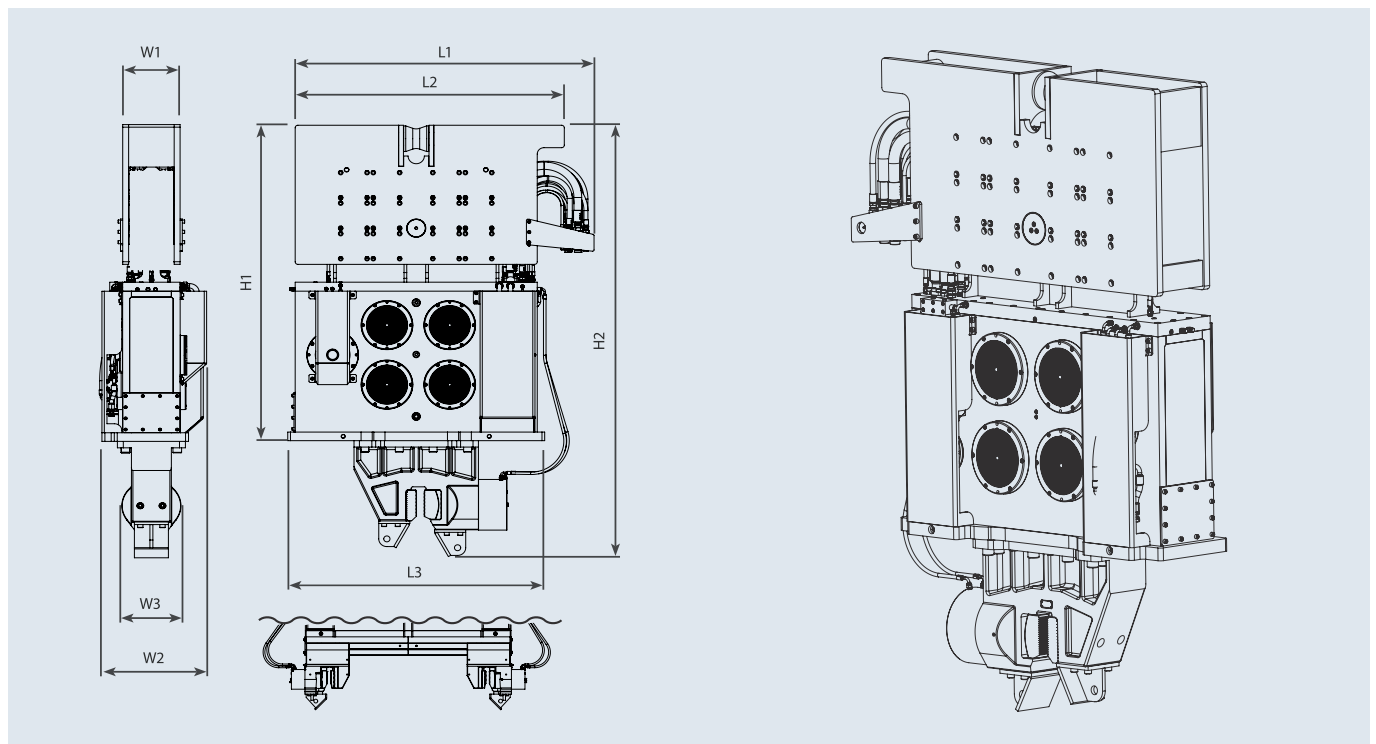
Recommended Clamp Type for Casing / TC120 x 2

UNIT	METRIC	US
DIAMETER (MIN. - MAX.) / D	540 – 1500 MM	22 – 59 IN
CLAMPING FORCE	1216 X 2 KN	273 TONS
WEIGHT	948 X 2 KG	4180 LBS

Recommended Power Pack / PPgoo

UNIT	METRIC	US
OIL FLOW MAX.	930 LPM	245 GPM
PRESSURE MAX.	350 BAR	5076 PSI
OIL CAPACITY	1600 LITER	422 GAL
DIESEL TANK CAPACITY	1100 LITER	290 GAL
WIDTH	2030 MM	80 IN
LENGTH	5230 MM	206 IN
HEIGHT	2210 MM	87 IN
WEIGHT	11200 KG	24691 LBS

STAGE	MODEL	POWER
Stage V / Tier 4F	VOLVO TWD1683VE	585 / 796 KW/HP



FOR FURTHER INFORMATION, PLEASE CONTACT:

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Junttan