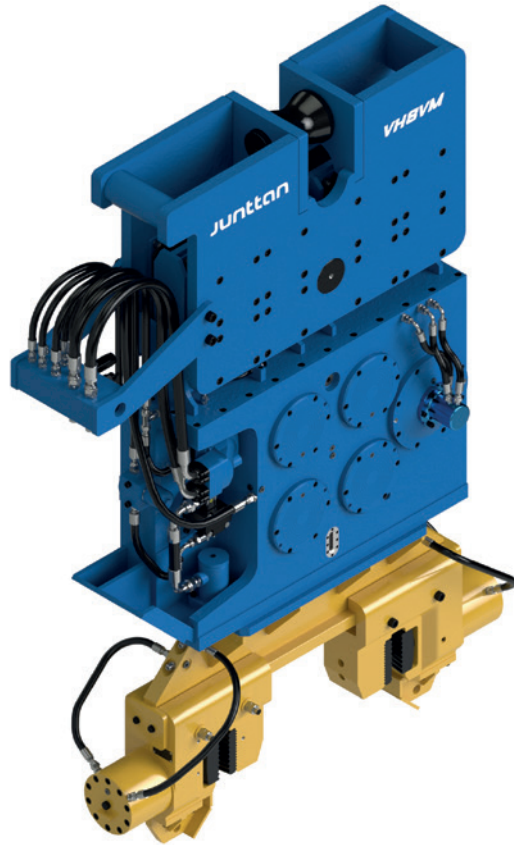


VH8VM

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 – 8 KGM	0 – 695 IN.LBS
CENTRIFUGAL FORCE MAX.	464 KN	52 TONS
FREQUENCY	2300 RPM	2300 RPM
OIL FLOW	237 L/MIN	63 GPM
POWER	138 KW	185 HP
AMPLITUDE	12 MM	0.5 IN
PULLING FORCE MAX.	147 KN	17 TONS

Weight and Dimensions

UNIT	METRIC	US
DYNAMIC WEIGHT W/O CLAMP	1337 KG	2948 LBS
TOTAL WEIGHT W/O CLAMP	1857 KG	4094 LBS
LENGTH / L1	1280 MM	51 IN
LENGTH / L2	1070 MM	42 IN
LENGTH / L3	895 MM	35 IN
HEIGHT / H1	1566 MM	62 IN
HEIGHT / H2	2312 MM	91 IN
WIDTH / W1	300 MM	12 IN
WIDTH / W2	471 MM	19 IN
WIDTH / W3	320 MM	13 IN
THROAT WIDTH	320 MM	12.6 IN

Recommended Clamp Type for Sheet Piles / SC60

UNIT	METRIC	US
CLAMPING FORCE	643 KN	73 TONS
WEIGHT	327 KG	721 LBS

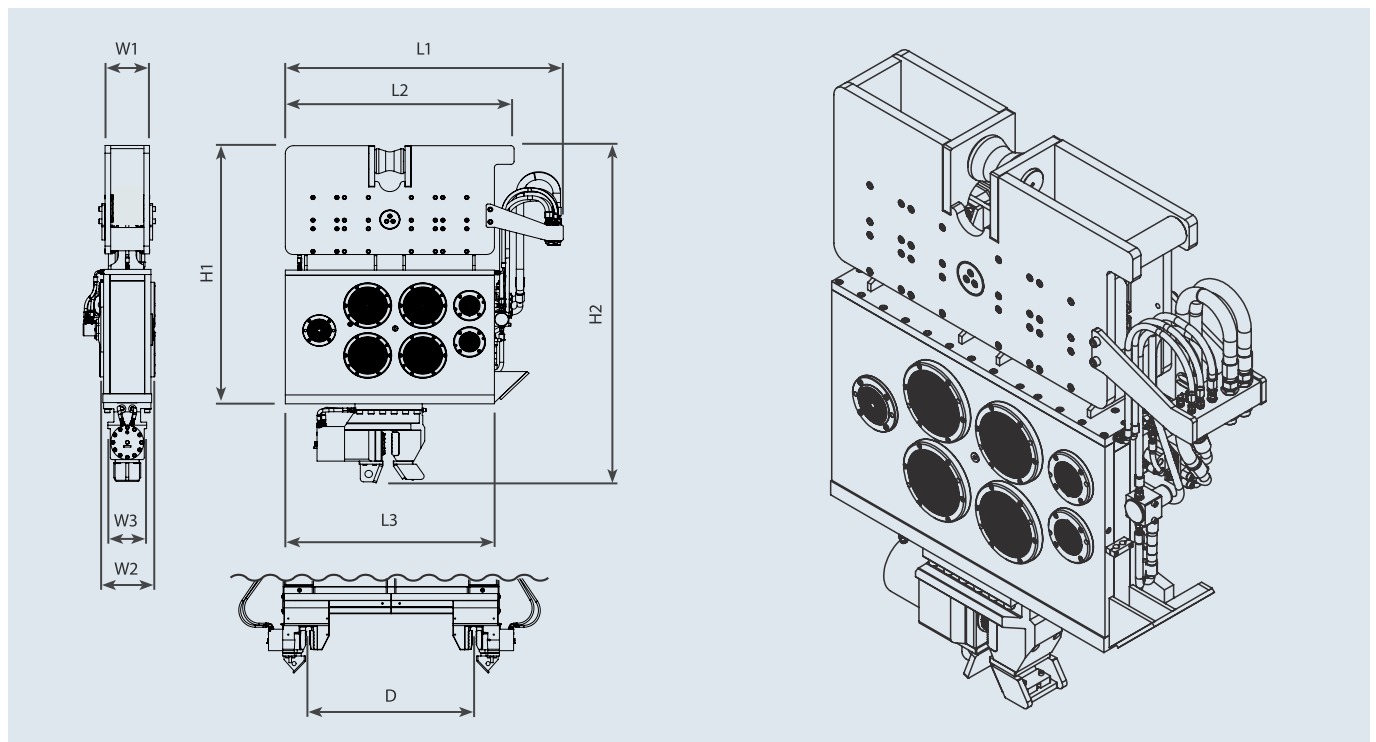
Recommended Clamp Type for Casing / TC40 x 2

UNIT	METRIC	US
DIAMETER (MIN. - MAX.) / D	320 – 700 MM	13 – 28 IN
CLAMPING FORCE	425 X 2 KN	96 TONS
WEIGHT	185 X 2 KG	815 LBS

Recommended Power Pack / PP200

UNIT	METRIC	US
OIL FLOW MAX.	232 LPM	61 GPM
PRESSURE MAX.	350 BAR	5076 PSI
OIL CAPACITY	450 LITER	118 GAL
DIESEL TANK CAPACITY	450 LITER	118 GAL
WIDTH	1610 MM	64 IN
LENGTH	3720 MM	147 IN
HEIGHT	1740 MM	69 IN
WEIGHT (Tier 3)	5400 KG	11904 LBS
WEIGHT (Stage V / Tier 4F)	5500 KG	12125 LBS

STAGE	MODEL	POWER
Tier 3	VOLVO TAD552VE	160 / 218 KW/HP
Stage V / Tier 4F	VOLVO TAD582VE	160 / 218 KW/HP



FOR FURTHER INFORMATION, PLEASE CONTACT:

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Junttan