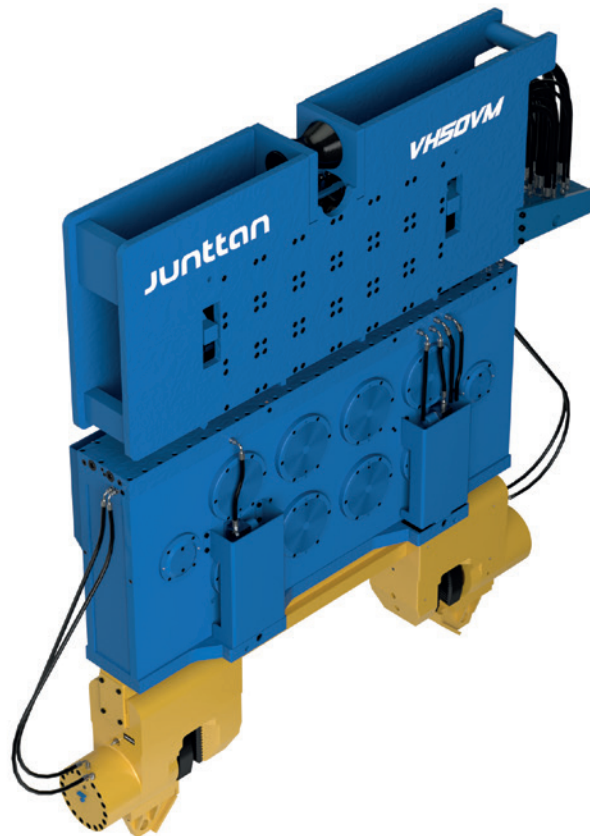


VH50VM

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 – 50 KGM	0 – 4340 IN.LBS
CENTRIFUGAL FORCE MAX.	2923 KN	329 TONS
FREQUENCY	2300 RPM	2300 RPM
OIL FLOW	1380 L/MIN	365 GPM
POWER	805 KW	1080 HP
AMPLITUDE	16 MM	0.6 IN
PULLING FORCE MAX.	1060 KN	120 TONS

Weight and Dimensions

UNIT	METRIC	US
DYNAMIC WEIGHT W/O CLAMP	6200 KG	13669 LBS
TOTAL WEIGHT W/O CLAMP	8200 KG	18078 LBS
LENGTH / L1	2885 MM	114 IN
LENGTH / L2	2650 MM	105 IN
LENGTH / L3	2847 MM	112 IN
HEIGHT / H1	1971 MM	78 IN
HEIGHT / H2	2861 MM	113 IN
WIDTH / W1	384 MM	15 IN
WIDTH / W2	950 MM	38 IN
WIDTH / W3	292 MM	12 IN
THROAT WIDTH	350 MM	13.8 IN

Recommended Clamp Type for Sheet Piles / SC350

UNIT	METRIC	US
CLAMPING FORCE	3560 KN	400 TONS
WEIGHT	2553 KG	5629 LBS

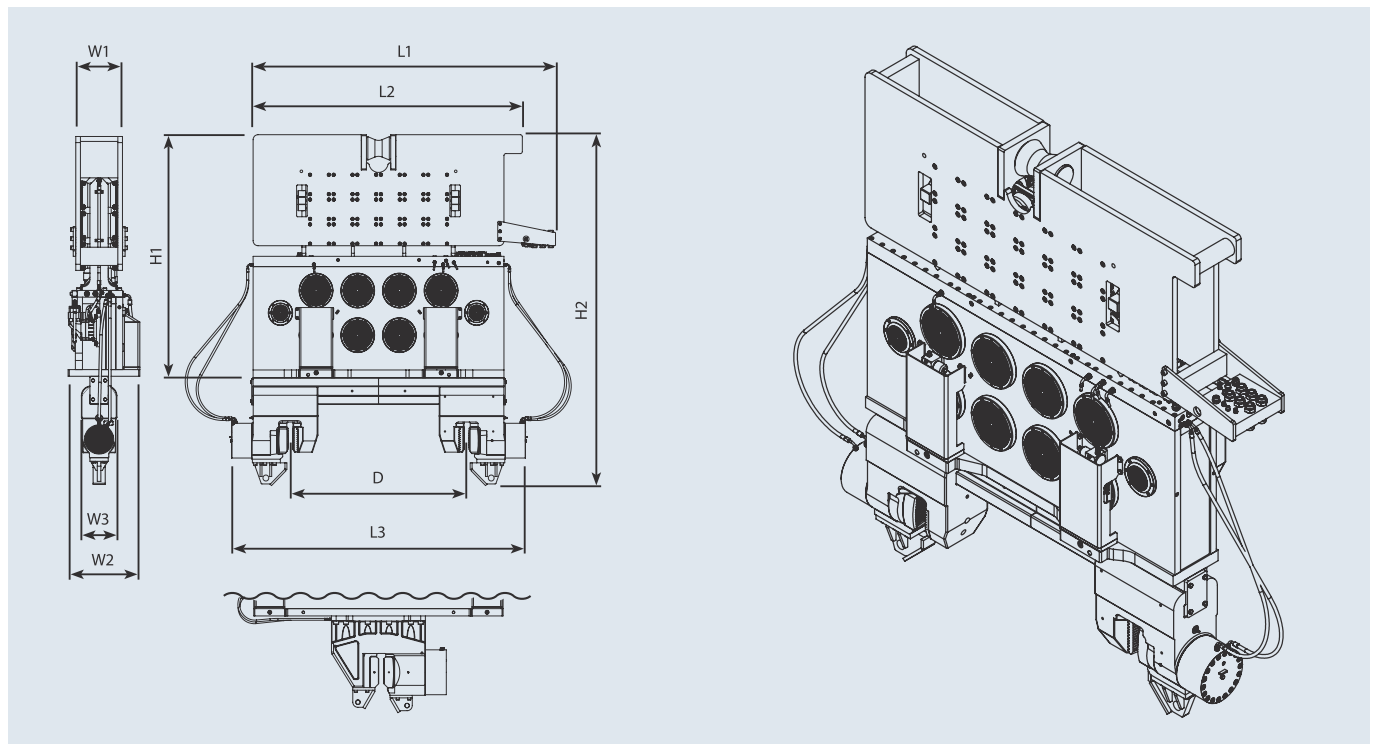
Recommended Clamp Type for Casing / TC185 x 2

UNIT	METRIC	US
DIAMETER (MIN. – MAX.) / D	520 – 1700 MM	21 – 67 IN
CLAMPING FORCE	1858 X 2 KN	418 TONS
WEIGHT	1164 X 2 KG	5133 LBS

Recommended Power Pack / PP2000

UNIT	METRIC	US
OIL FLOW MAX.	2000 LPM	528 GPM
PRESSURE MAX.	350 BAR	5076 PSI
OIL CAPACITY	1200 LITER	317 GAL
DIESEL TANK CAPACITY	1000 LITER	264 GAL
WIDTH	2445 MM	96 IN
LENGTH	6060 MM	238 IN
HEIGHT	2590 MM	102 IN
WEIGHT	14000 KG	30864 LBS

STAGE	MODEL	POWER
Stage V / Tier 4F	2 X VOLVO TWD1683VE	1170 / 1592 KW/HP



FOR FURTHER INFORMATION, PLEASE CONTACT:

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