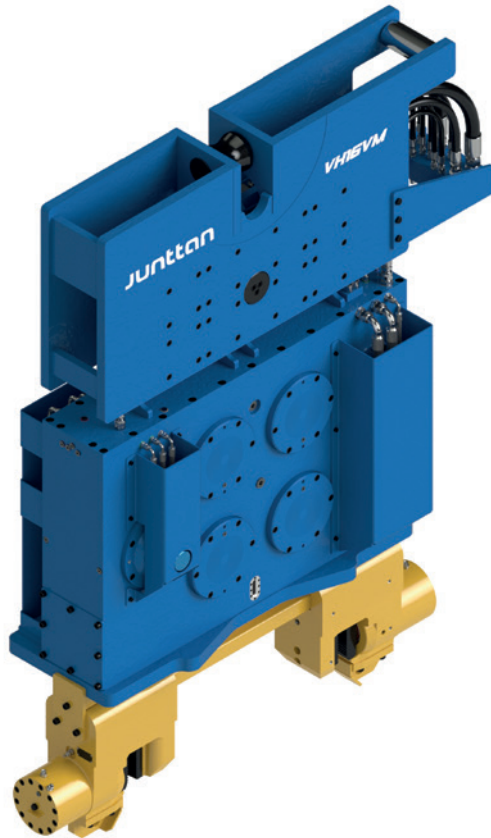


VH16VM

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 – 16 KGM	0 – 1389 IN/LBS
CENTRIFUGAL FORCE MAX.	934 KN	105 TONS
FREQUENCY	2300 RPM	2300 RPM
OIL FLOW	492 L/MIN	130 GPM
POWER	287 KW	385 HP
AMPLITUDE	12 MM	0.5 IN
PULLING FORCE MAX.	235 KN	27 TONS

Weight and Dimensions

UNIT	METRIC	US
DYNAMIC WEIGHT W/O CLAMP	2733 KG	6026 LBS
TOTAL WEIGHT W/O CLAMP	3650 KG	8047 LBS
LENGTH / L1	1945 MM	77 IN
LENGTH / L2	1750 MM	69 IN
LENGTH / L3	2084 MM	82 IN
HEIGHT / H1	2002 MM	79 IN
HEIGHT / H2	2785 MM	110 IN
WIDTH / W1	315 MM	13 IN
WIDTH / W2	659 MM	26 IN
WIDTH / W3	350 MM	14 IN
THROAT WIDTH	314 MM	12.4 IN

Recommended Clamp Type for Sheet Piles / SC120

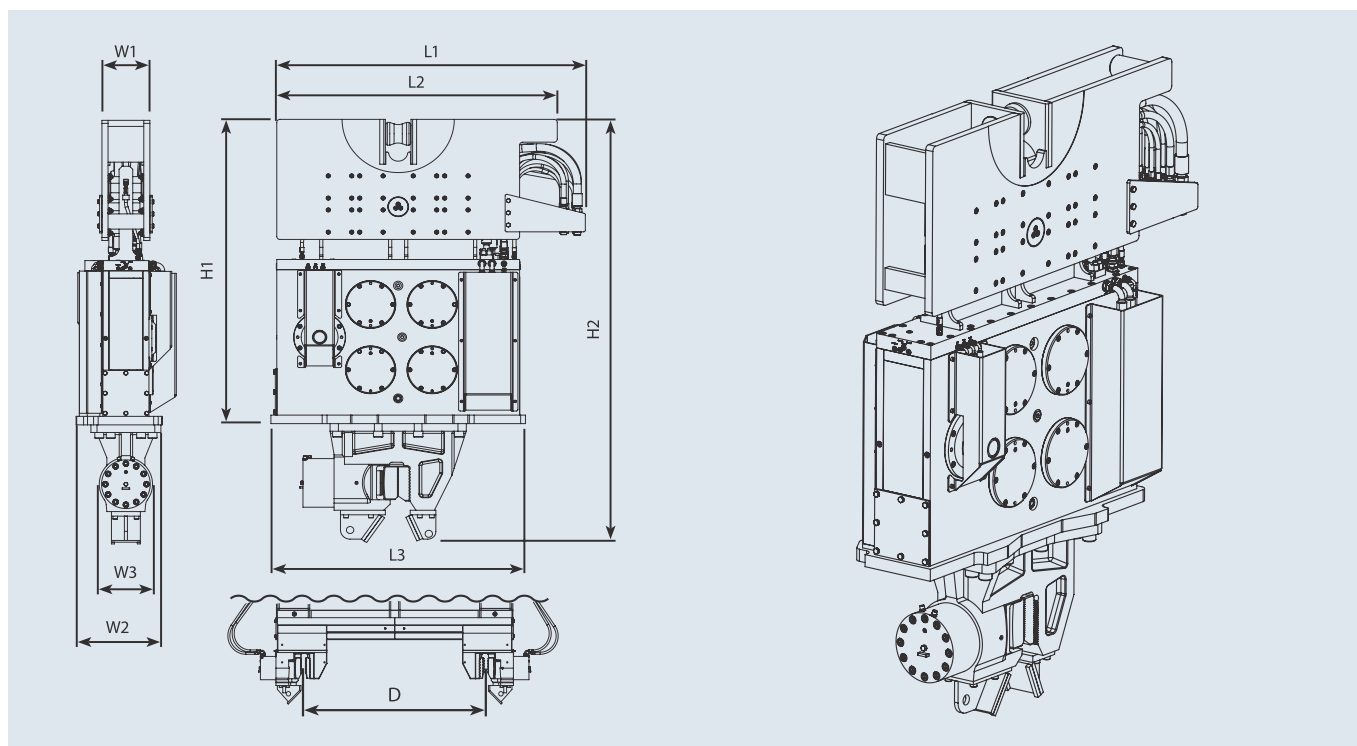
UNIT	METRIC	US
CLAMPING FORCE	1216 KN	137 TONS
WEIGHT	851 KG	1876 LBS

Recommended Clamp Type for Casing / TC60 x 2

UNIT	METRIC	US
DIAMETER (MIN. - MAX.) / D	340 – 1300 MM	14 – 51 IN
CLAMPING FORCE	643 X 2 KN	145 TONS
WEIGHT 3	07 X 2 KG	1354 LBS

Recommended Power Pack / PP700

UNIT	METRIC	US
OIL FLOW MAX.	729 LPM	192 GPM
PRESSURE MAX.	350 BAR	5076 PSI
OIL CAPACITY (Tier 3)	650 LITER	171 GAL
OIL CAPACITY (Stage V / Tier 4F)	750 LITER	198 GAL
DIESEL TANK CAPACITY	800 LITER	211 GAL
WIDTH	1820 MM	71 IN
LENGTH	4520 MM	178 IN
HEIGHT	2175 MM	86 IN
WEIGHT (Tier 3)	7600 KG	16755 LBS
WEIGHT (Stage V / Tier 4F)	8100 KG	17857 LBS
STAGE	MODEL	POWER
Tier 3	VOLVO TAD1352VE	394 / 536 KW/HP
Stage V / Tier 4F	VOLVO TAD1385VE	405 / 551 KW/HP



FOR FURTHER INFORMATION, PLEASE CONTACT:

Junttan Oy, sales@junttan.com, www.junttan.com

Junttan