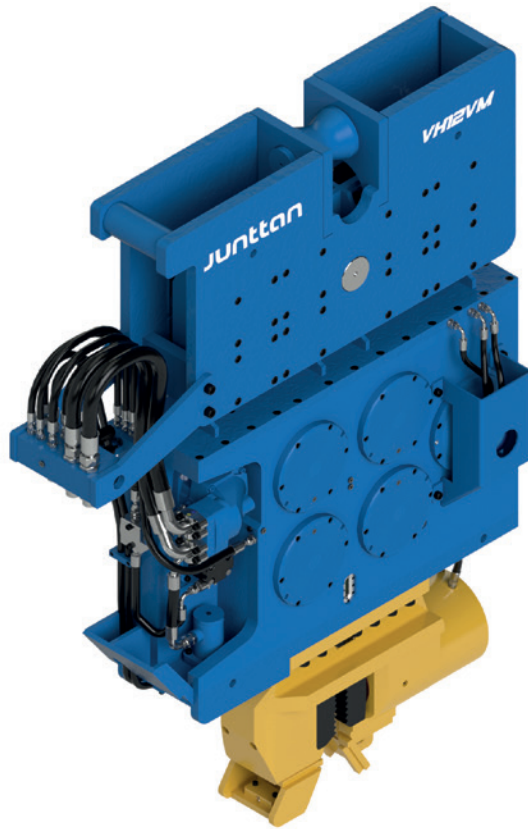


VH12VM

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 – 12 KGM	0 – 1041 IN/LBS
CENTRIFUGAL FORCE MAX.	698 KN	79 TONS
FREQUENCY	2300 RPM	2300 RPM
OIL FLOW	362 L/MIN	96 GPM
POWER	211 KW	283 HP
AMPLITUDE	13 MM	0.5 IN
PULLING FORCE MAX.	235 KN	27 TONS

Weight and Dimensions

UNIT	METRIC	US
DYNAMIC WEIGHT W/O CLAMP	1850 KG	4079 LBS
TOTAL WEIGHT W/O CLAMP	2570 KG	5666 LBS
LENGTH / L1	1695 MM	67 IN
LENGTH / L2	1395 MM	55 IN
LENGTH / L3	1822 MM	72 IN
HEIGHT / H1	1695 MM	67 IN
HEIGHT / H2	2407 MM	95 IN
WIDTH / W1	301 MM	12 IN
WIDTH / W2	485 MM	19 IN
WIDTH / W3	200 MM	8 IN
THROAT WIDTH	320 MM	12.6 IN

Recommended Clamp Type for Sheet Piles / SC75/100

UNIT	METRIC	US
CLAMPING FORCE	814/1005 KN	92/113 TONS
WEIGHT	502/620 KG	1106/1367 LBS

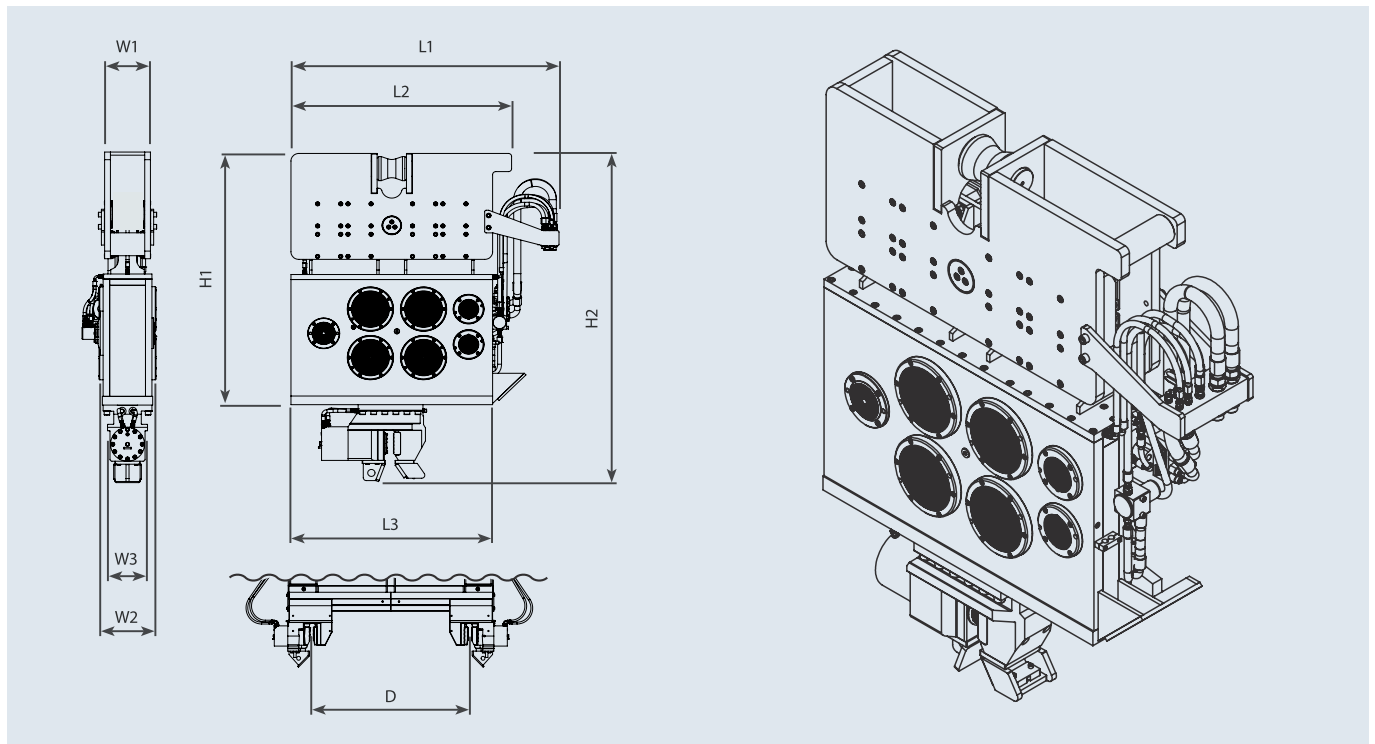
Recommended Clamp Type for Casing / TC40 x 2

UNIT	METRIC	US
DIAMETER (MIN. - MAX.) / D	320 – 970 MM	13 – 38 IN
CLAMPING FORCE	425 X 2 KN	96 TONS
WEIGHT	185 X 2 KG	815 LBS

Recommended Power Pack / PP400

UNIT	METRIC	US
OIL FLOW MAX.	460 LPM	121 GPM
PRESSURE MAX.	350 BAR	5076 PSI
OIL CAPACITY	450 LITER	118 GAL
DIESEL TANK CAPACITY	650 LITER	171 GAL
WIDTH	1650 MM	65 IN
LENGTH	4200 MM	165 IN
HEIGHT	1840 MM	72 IN
WEIGHT (Tier 3)	6400 KG	14109 LBS
WEIGHT (Stage V / Tier 4F)	6600 KG	14550 LBS

STAGE	MODEL	POWER
Tier 3	VOLVO TAD853VE	235 / 320 KW/HP
Stage V / Tier 4F	VOLVO TAD883VE	235 / 320 KW/HP



FOR FURTHER INFORMATION, PLEASE CONTACT:

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

Junttan