



DUTCH MASTERS
IN VIBRO TECHNOLOGY

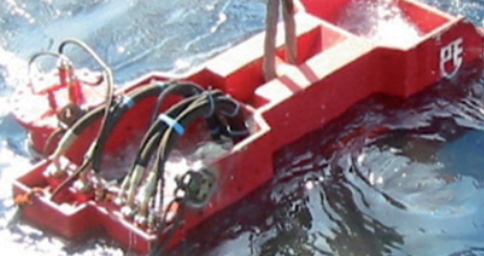
PRODUCT CATALOGUE

VIBRO HAMMERS

- > VARIABLE MOMENT
- > HIGH FREQUENCY
- > NORMAL FREQUENCY

POWER UNITS

CLAMPS



JOINT KNOWLEDGE

Privileged by close involvement in our clients projects, we obtained first hand information on needs and wishes. We have listened and learned and subsequently developed and supplied thousands of vibro hammers and power packs over the years. This joint approach enables us to provide you with the most pragmatic vibro solution to do the job.

The earlier we are involved in the process, the better the solution, the more efficient the project. Whether you are an architect, a manager or an engineer, we can support you with advice and consult. This can vary from geotechnical prospecting to financial calculations through to setting the specifications for vibro equipment.

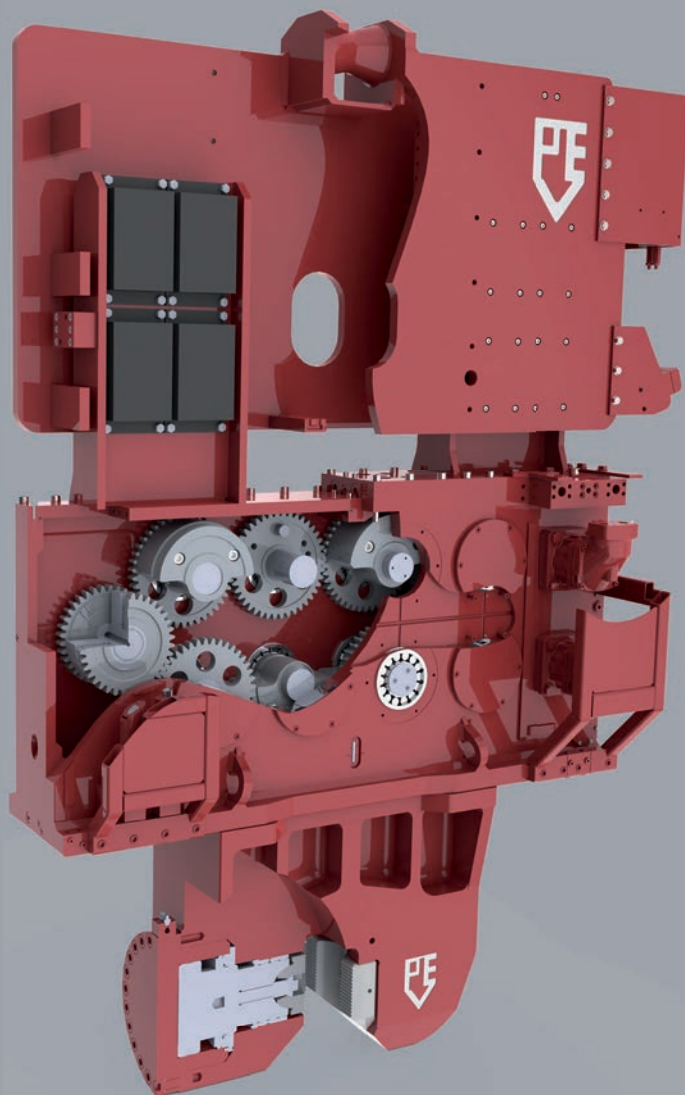
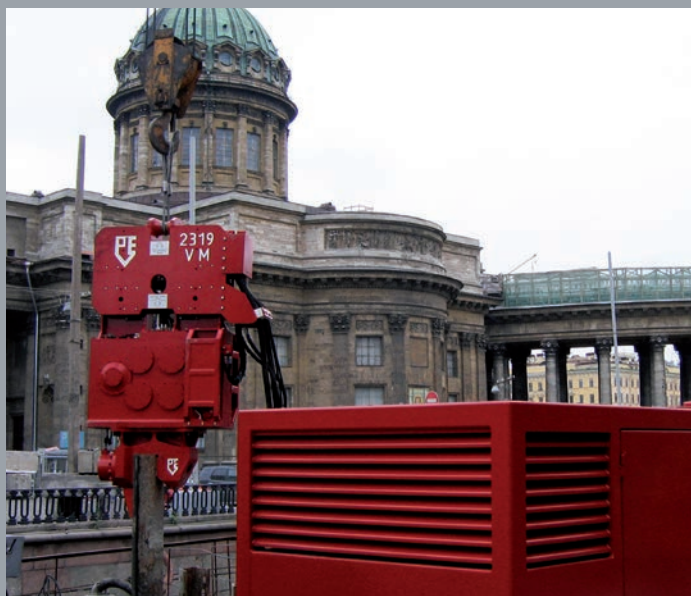
TAILOR-MADE

Most of our products are embedded in piling solutions. In fact, as each project has its own technical and financial challenges, tailor-made solutions have become common practice for us. With non-standard configurations, our competence is unparalleled. As we manage all disciplines in house - R&D, production, testing and maintenance - we can assemble the

most optimal equipment using standard units. Driving tubes of 20 meter diameter, building power packs of 5000 kW, we develop any solution with the exact specifications for the job.

OUR PRODUCTS

- Vibratory hammers
 - > Vibratory hammers with variable moment
 - > High Frequency vibratory hammers
 - > Ring vibratory hammers
 - > Linear vibratory hammers
- Power packs
 - > 200 – 5000 kW
 - > Standard or tailor made
- Clamp systems for every purpose, in any size
- Pressing machines
- Vibroflots
- Dredging pumps

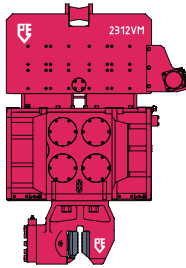




HIGH FREQUENCY VIBRATORS WITH VARIABLE MOMENT

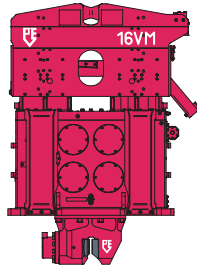
Eccentric moment	kgm
Max. centrifugal force	kN
Max. frequency	rpm
Max. amplitude *)	mm
Max. static line pull	kN
Max. oil flow	L/min
Dynamic weight *)	kg
Total weight *)	kg
L x W x H *)	mm
Recommend. power unit	
Recommended clamp	

2312 VM



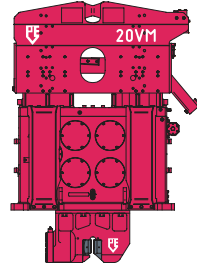
0 - 12
0 - 700
2300
0 - 17
250
261
1450
2390
1559 x 674 x 1589
300
DWK 85T

16VM



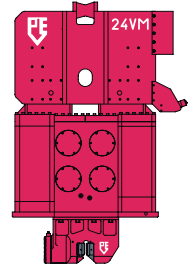
0 - 16
0 - 928
2300
0 - 13
240
375
2460
3560
1849 x 637 x 2008
480
DWK 110T

20VM



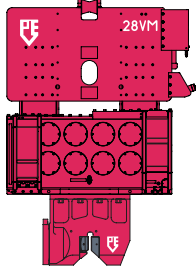
0 - 19
0 - 1100
2300
0 - 15
240
498
2550
3650
1849 x 637 x 2008
500
DWK 150T

24VM



0 - 24
0 - 1400
2300
0 - 14
400
493
3500
5960
1967 x 740 x 2445
500
DWK 200T

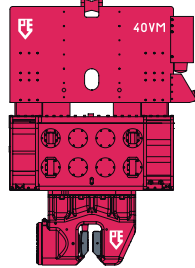
28VM



Eccentric moment	kgm
Max. centrifugal force	kN
Max. frequency	rpm
Max. amplitude *)	mm
Max. static line pull	kN
Max. oil flow	L/min
Dynamic weight *)	kg
Total weight *)	kg
L x W x H *)	mm
Recommend. power unit	
Recommended clamp	

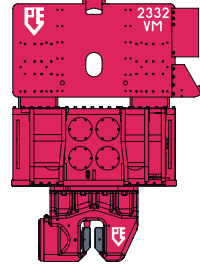
0 - 28
0 - 1600
2300
0 - 14
400
590
3900
5900
2333 x 785 x 2427
600
DWK 200T

40VM



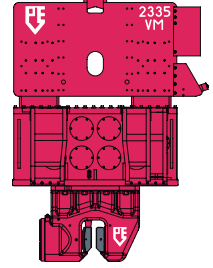
0 - 40
0 - 1755
2000
0 - 19
400
800
4300
6760
2622 x 709 x 2690
800
DWK 350T

2332VM



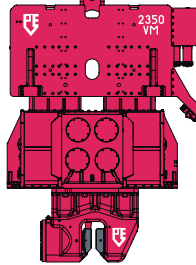
0 - 32
0 - 1856
2300
0 - 15
500
740
4300
6750
2384 x 825 x 2352
800
DWK 350T

2335VM



0 - 35
0 - 2030
2300
0 - 16
500
1012
4400
6800
2384 x 825 x 2352
1000
DWK 350T

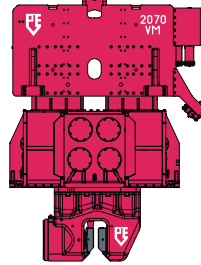
2350VM



Eccentric moment	kgm
Max. centrifugal force	kN
Max. frequency	rpm
Max. amplitude *)	mm
Max. static line pull	kN
Max. oil flow	L/min
Dynamic weight *)	kg
Total weight *)	kg
L x W x H *)	mm
Recommend. power unit	
Recommended clamp	

0 - 50
0 - 2900
2300
0 - 15
800
1380
6600
10000
2883 x 985 x 2835
1400
DWK 350T

2070VM



0 - 70
0 - 3070
2000
0 - 21
800
1580
6800
10200
2883 x 985 x 2835
1600
DWK 350T



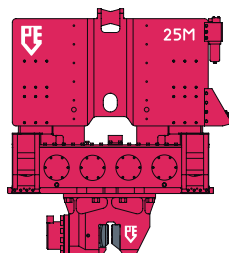
*) = excluding clamp & hoses



STANDARD FREQUENCY VIBRATORS

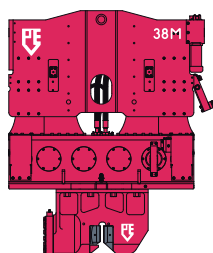
Eccentric moment	kgm
Max. centrifugal force	kN
Max. frequency	rpm
Max. amplitude *)	mm
Max. static line pull	kN
Max. oil flow	L/min
Dynamic weight *)	kg
Total weight *)	kg
L x W x H *)	mm
Recommend. power unit	
Recommended clamp	

25M



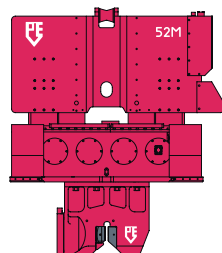
27
856
1700
19
400
470
2900
4980
2390 x 661 x 1976
480
DWK 110T

38M



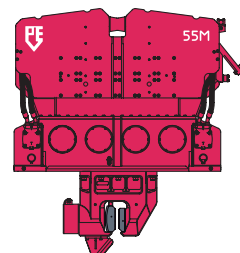
38
1200
1700
25
400
505
3000
5400
2452 x 662 x 2120
500
DWK 150T

52M



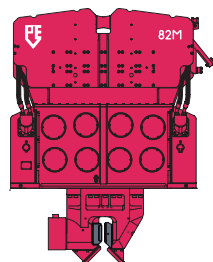
52
1650
1700
26
500
744
4000
6850
2790 x 748 x 2252
800
DWK 200T

55M



54
1711
1700
30
800
617
3580
5700
2642 x 678 x 1939
600
DWK 200TU

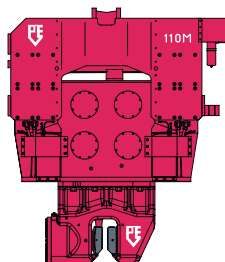
82M



Eccentric moment	kgm
Max. centrifugal force	kN
Max. frequency	rpm
Max. amplitude *)	mm
Max. static line pull	kN
Max. oil flow	L/min
Dynamic weight *)	kg
Total weight *)	kg
L x W x H *)	mm
Recommend. power unit	
Recommended clamp	

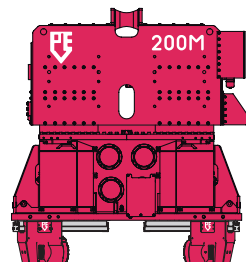
81
2567
1700
30
800
888
5400
7900
2662 x 721 x 2427
900
DWK 320TU

110M



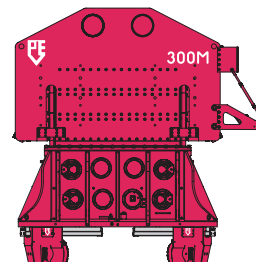
110
2198
1350
31
800/1200
956
7000
12000/13500
3235 x 1088 x 2565/3065
1000
DWK 350T

200M



200
4300
1400
19
1800
1680
21000
30000
3856 x 1600 x 3405
1600
4x PPK 150T

300M



286
6150
1400
21
4000
2800
27250
44000
5035 x 1800 x 4395
2800 / 3200
4x PPK 200TC



*) = excluding clamp & hoses



HYDRAULIC POWER UNITS

Diesel engine

Max. hydr. power	kW/HP
Max. frequency	rpm
Max. oil flow	L/min
Max. operating pressure	bar
Total weight	kg
L x W x H	mm

300



Volvo
252/343
1800
342
350
4300
3673 x 1500 x 1800

480



Volvo
335/456
1800
480
350
5500
4325 x 1650 x 2075

500



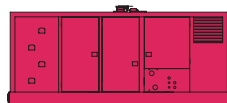
Volvo
395/537
1800
500
350
5800
4325 x 1650 x 2075

600



Caterpillar
403/548
2100
670
350
7600
4500 x 1740 x 2250

680



Diesel engine	
Max. hydr. power	kW/HP
Max. frequency	rpm
Max. oil flow	L/min
Max. operating pressure	bar
Total weight	kg
L x W x H	mm

Volvo
449/611
1800
680
350
6500
4740 x 1650 x 2075

800



Volvo
565/768
1800
800
350
8500
4820 x 1800 x 2345

900



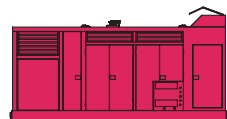
Volvo
565/768
1800
900
350
9700
5060 x 1800 x 2345

1000



2x Volvo
790/1074
1800
1000
350
11000
5074 x 2340 x 2346

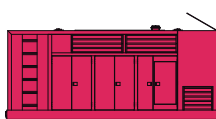
1400



Diesel engine	
Max. hydr. power	kW/HP
Max. frequency	rpm
Max. oil flow	L/min
Max. operating pressure	bar
Total weight	kg
L x W x H	mm

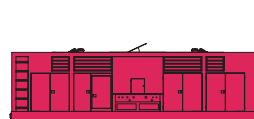
2x Volvo
898/1222
1800
1400
350
13100
5074 x 2340 x 2490

1600



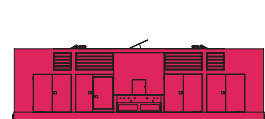
2x Volvo
1130/1536
1800
1600
350
16500
5820 x 2500 x 2530

2800



4x Volvo
1796/2444
1800
2800
350
25000
9075 x 2500 x 2533

3200



4x Volvo
2260/3072
1800
3200
350
31000
9075 x 2500 x 2693



DUTCH MASTERS IN VIBRO TECHNOLOGY

Vibro technology is our business, designing vibro solutions our passion and developing long lasting and smart vibro equipment is our goal.

For more than thirty years, we have been driven by the ongoing process of improving and innovating. We fully master the technology and the skills to supply top quality products for successful piling and vibrating.

LEADING TECHNOLOGY

Close contact and cooperation with customers, dedication for the job and fully embedded R&D, have resulted in leading vibro technology, top quality that lasts and inventive products. This resulted for example in the development of vibro hammers with huge hydraulic power input.

Just a few other highlights:

- > Advanced oil cooling technique, performs from -40°C to +50°C, on- and offshore;
- > iQan computerized motor management system, with options like GPRS tracking and remote monitoring of power packs;

- > Production in our in-house machine shop using high-tech CNC operated machinery;
- > Open hydraulic system: easy (pre-) assembly, fully coherent with standard units.

The quality of our products is further enhanced through the use of non-corrosive Zincor, which prevents corrosion, finished using durable coating.

LOCAL SERVICE, 24X7

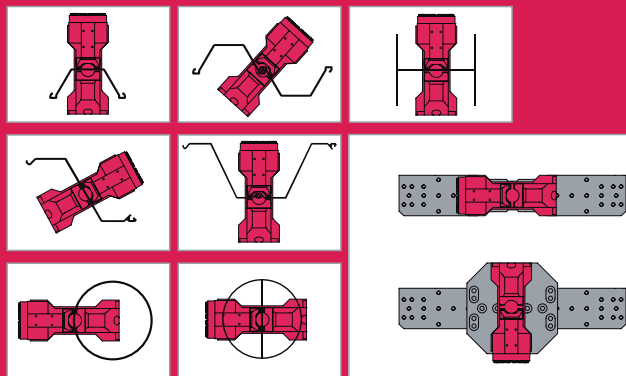
What we have to offer you is more than unparalleled expertise and a complete fleet of equipment. Our package deal includes worldwide project and logistics management with a personal touch. From the head office in Slidrecht, the Netherlands, your personal contact will manage the project. Our local offices and dealers supply and transport equipment, spares and parts from stock. Our strategically located service teams are 24/7 standby for training and commissioning on the job, including maintenance and (dis) assembly.

SHEET PILES AND CASINGS OPTIONS

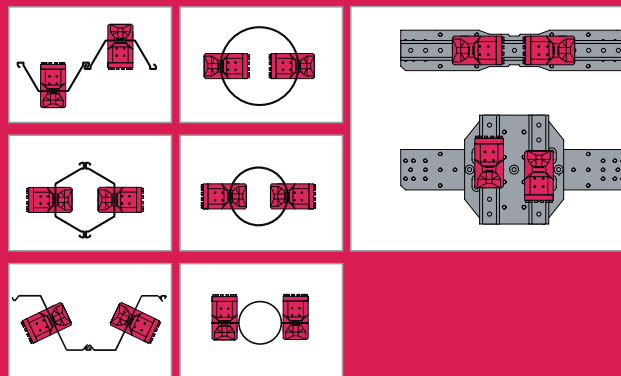
We have clamp systems for every purpose, in any size.

Together with our T-bars and turning plates we can vibrate all commonly used sheet piles and tubes.

SHEET PILE CLAMP OPTIONS



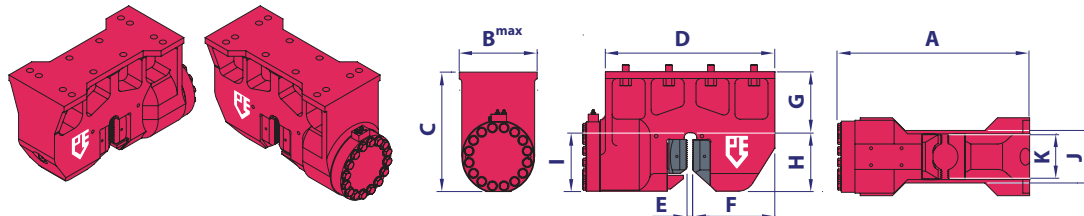
DOUBLE CLAMP OPTIONS





SHEET PILE CLAMPS

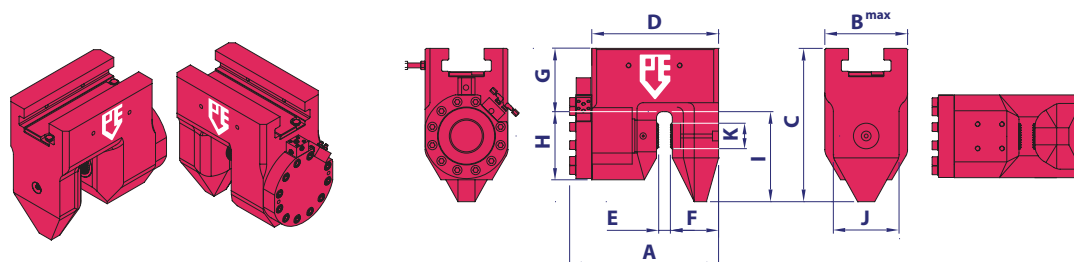
DIMENSIONS



Clamp model	Clamping force	Operating pressure	Weight	A	B	C	D	E	F	G	H	I	J	K
DWK 85T	850 kN	300 bar	600 kg	850	330	500	850	34	310	205	295	295	310	240
DWK 110T	1100 kN	300 bar	750 kg	1048	450	590	850	34	350	265	325	325	310	270
DWK 130T	1300 kN	300 bar	750 kg	1015	450	590	850	34	350	265	325	325	310	270
DWK 150T	1500 kN	300 bar	1270 kg	1133	460	705	1000	32	483	360	345	345	310	270
DWK 200TU	2000 kN	320 bar	1300 kg	1143	360	1046	940	51	465	375	425	425	340	310
DWK 200T	2000 kN	300 bar	2000 kg	1130	530	920	1040	32	503	490	430	430	310	300
DWK 320TU	3200 kN	320 bar	2500 kg	1363	460	1079	1100	48	549	410	460	460	400	400
DWK 350T	3500 kN	320 bar	2600 kg	1240	540	940	1100	37	558	425	515	515	400	400

DOUBLE CLAMPS

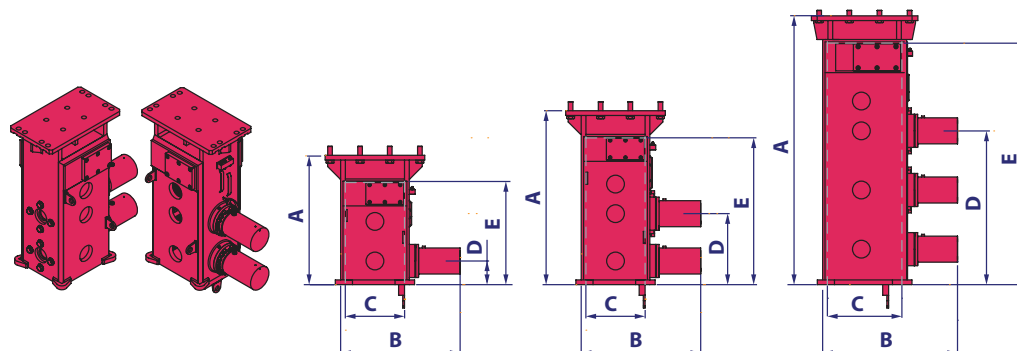
DIMENSIONS



Clamp model	Clamping force	Operating pressure	Weight	A	B	C	D	E	F	G	H	I	J	K	Min inside tube Ø
PPK 55T	550 kN	300 bar	310 kg	500	320	450	420	35	136	250	200	200	270	95	280
PPK 80T	800 kN	300 bar	500 kg	587	340	630	521	51	198	260	280	370	270	105	400
PPK 100T	1000 kN	300 bar	690 kg	638	395	555	573	53	225	260	295	295	300	130	470
PPK 125T	1250 kN	300 bar	900 kg	681	400	647	585	48	258	347	300	300	372	150	540
PPK 150T	1500 kN	300 bar	1300 kg	798	420	750	665	57	303	420	330	330	330	180	635
PPK 175T	1750 kN	300 bar	1300 kg	798	420	750	665	57	303	420	330	330	330	180	635
PPK 200TC	2000 kN	320 bar	1350 kg	915	430	796	840	54	354	396	351	400	355	200	700

PILE CLAMPS

DIMENSIONS



Clamp model	Clamping force	Operating pressure	Weight	A	B	C	D	E
PLK 60T40	600 kN	300 bar	1240 kg	1130	1045	420	240	629
PLK 120T40	1200 kN	300 bar	1650 kg	1470	1045	420	600	969
PLK 180T50	1800 kN	300 bar	2820 kg	2275	1145	520	1300	1749



**DUTCH MASTERS
IN VIBRO TECHNOLOGY**

PILING & VIBRO EQUIPMENT

Dieseko Group BV

Lelystraat 49
3364 AH Sliedrecht
The Netherlands
T: +31 184 410 333
F: +31 184 411 386
info@pve-holland.com
www.pve-holland.com