



**ZHEJIANG ZHENZHONG
CONSTRUCTION MACHINERY CO.,LTD**

Add: Jingye Road Economic Development Zone, Ruian City,
Zhejiang Province, China
Tel:+86-13566188633 Fax: +86-577-65539928
E-mail:sales@zhenzhong.com



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ENGINEERING CASE

In the field of vibration hammer ZHENZHONG Has a wealth of experience,
and verified in practical engineering application

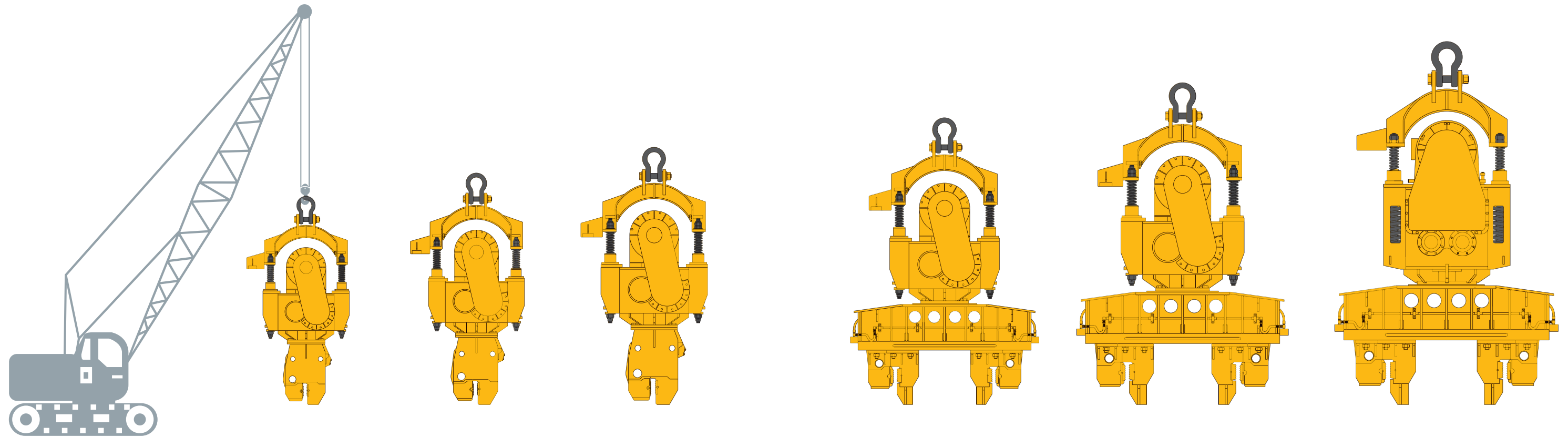
VIBRO HAMMER



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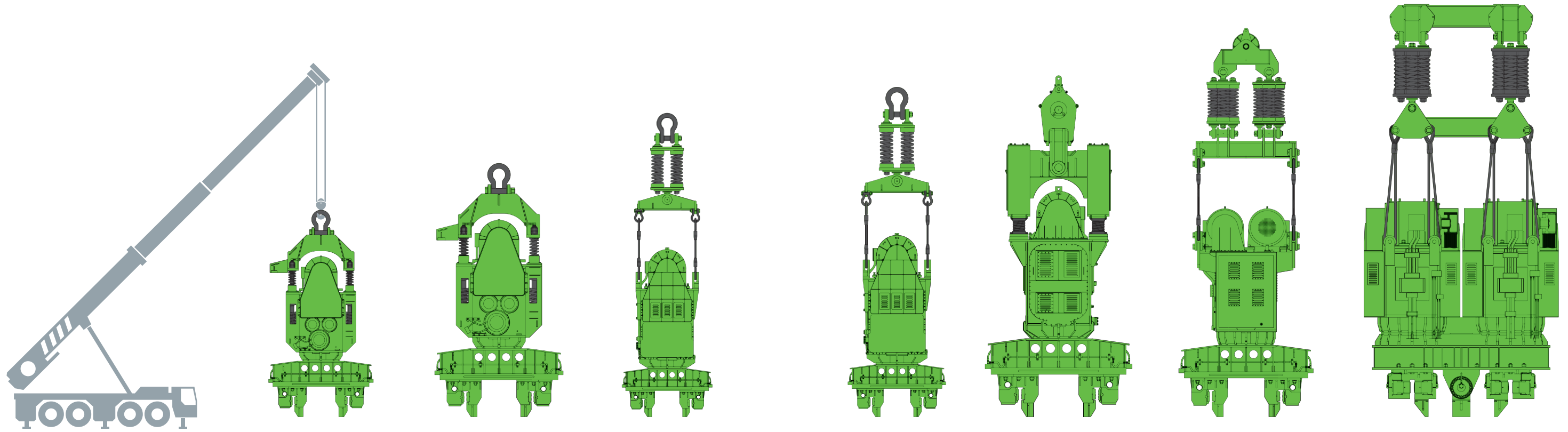
DZ SERIES VIBRO HAMMER



Model	DZ30A	DZ45A	DZ60A	DZ90A	DZ120A	DZ150A
Motor Power	30kW	45kW	60kW	90kW	120kW	150kW
Frequency	1050r/min	1100r/min	1000r/min	1050r/min	1000r/min	940r/min
Eccentric moment	192Nm	245Nm	360Nm	460Nm	700Nm	1000Nm
Centrifugal force	237kN	363kN	450kN	570kN	786kN	1000kN
Amplitude	9.6mm	8.9mm	9.6/10mm	10.3mm	12.2mm	12.5mm
Max. Extraction Force	100kN	200kN	200kN	240kN	400kN	400kN
Overall Dimensions H	1.88m	2.12m	2.24m	2.56m	2.84m	3.3m
Overall Dimensions L	1.37m	1.29m	1.21m	1.53m	1.72m	1.71m
Overall Dimensions W	1.08m	1.23m	1.37m	1.1m	1.4m	1.5m
Total weight	2800kg	3820kg	4320kg	6155kg	7596kg	9535kg
Wire cable	25mm ²	35mm ²	35mm ²	50mm ²	70mm ²	95mm ²
Clamp	Single	Single	Single	Single / Double	Single / Double	Single / Double
Diameter of the pile	/	/	/	φ 500- φ 1200mm	φ 600- φ 2000mm	φ 600- φ 2500mm
Generator capacity	120kW	150kW	200kW	300kW	350kW	450kW
Min crane capacity	20t	25t	35t	50t	70t	80t

Promotional materials are for reference only, all configuration with the contract or the material, as technology constantly updated, technical parameters are subject to change without prior notice

EP SERIES RESONANCE FREE VIBRO HAMMER










Model	EP180	EP200	EP270	EP320	EP400	EP650	EP1600
Motor Power	135kW	150kW	200kW	240kW	300kW	240kW x2	1200kW
Frequency	1000r/min	660r/min	660r/min	680r/min	580/620/680/min	750/680r/min	750r/min
Eccentric moment	0-754Nm	0-2254Nm	0-2940Nm	0-3528Nm	0-5043/0-4600Nm	0-4671/0-5684Nm	0-1120Nm
Centrifugal force	0-843kN	0-1098kN	0-1430kN	0-1822kN	0-1898/0-1732/0-1980/0-2382kN	0-2940kN	0-7000kN
Amplitude	0-10.7Nm	22.4Nm	0-21Nm	0-23.5Nm	20.12/18.5Nm	0-18.3/0-22Nm	0-21.3Nm
Max. Extraction Force	392kN	441kN	588kN	686kN	1200kN	1176kN	3600kN
Overall Dimensions H	3.42m	6.043m	6.54m	6.64m	6.305m	7.8m	5.96m
Overall Dimensions L	1.93m	1.647m	1.65m	1.77m	2.32m	2.8m	4.95m
Overall Dimensions W	1.35m	1.46m	1.73m	1.76m	2.425m	2.16m	2.2m
Total weight	8900kg	13205kg	18000kg	20000kg	36112/35968kg	34900kg	72000kg
Wire cable	50mm ² x2	50mm ² x2	70mm ² x2	95mm ² x2	95mm ² x2	95mm ² x4	95mm ² x8
Clamp	Single / Double	Single / Double	Single / Double	Double	Double / Quaternion	Double / Quaternion	Double / Quaternion
Diameter of the pile	φ 600- φ 2500mm	φ 600- φ 2500mm	φ 700- φ 2500mm	φ 700- φ 2500mm	φ 800- φ 2500mm	φ 1000- φ 3000mm	φ 1500- φ 6000mm
Generator capacity	300kW	350kW	400kW	500kW	600kW	1200kW	2400kW
Min crane capacity	80t	80t	120t	150t	200t	200t	500t

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YZM SERIES EXCAVATOR MOUNTED VIBRO HAMMER



Model	YZM-45	YZM-48	YZM-50	YZM-55	YZM-75
Frequency	2800rpm	2800rpm	2800rpm	2800rpm	2600rpm
Centrifugal force	395kN	480kN	510kN	534kN	555kN
Hydraulic system Operation pressure	300bar	300bar	300bar	300bar	300bar
Hydraulic system oil flow	175LPM	220LPM	260LPM	260LPM	280LPM
Weight	1.55t	1.65t	1.65t	1.8t	2.0t
Excavator Weight	20~24t	24~30t	30~35t	35~40t	38~42t
Size(measure with C16 Clamp)	737x1245x2279mm	737x1245x2279mm	880x1255x2359mm	880x1255x2359mm	980x1460x2369mm
Clamp model/Weight	C15:455kg	C15:455kg	C16:500kg	C16:500kg	C18:500kg
Vice arm model/Weight	A200:500kg	A200:500kg	A250:600kg	A250:600kg	A250:600kg
Vice arm	2.0m	2.0m 2.5m	2.5m	2.5m	2.5m 3.0m
Available pile length		 			 
8m					
9m					
10m					
11m					
12m					
13m					
14m					
15m					

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