

北京建筑机械化研究院有限公司是中国建筑科学研究院有限公司全资子公司, 整合原建设部建设机械综合研究所和中国建筑科学研究院有限公司建筑机械化研究分院的技术资源、产业资源、标准化平台、专家资源, 聚焦国家在建筑机械化、建筑工业化、装备智能化、建筑装配化等行业共性需求, 历经 60 余年的深耕细研和科技积淀, 积极承担“七五”、“八五”直至“十二五”、“十三五”国家研发计划项目, 加强成果转化和产业培育, 以科研立院、产业兴院、促进行业技术进步, 服务用户、为用户创造价值为己任, 成为我国在建筑机械化领域具有较强研发实力和综合优势的科研与产业化服务机构。

研究开发领域: 地基基础施工机械、钢筋连接技术与设备、钢筋加工机械、钢筋加工配送技术、预制构件钢筋加工成套设备、电梯、混凝土机械、混凝土及其制品机械、高空作业机械、施工升降机械、起重运输机械、建设机械和电梯安全与检测技术、机械化施工技术、标准规范研究等。

Beijing Institute of Construction Mechanization Co., Ltd. is a wholly-owned subsidiary of China Academy of Building Research Co., Ltd. It integrates the scientific and technological resources, industrial resources, standardization platforms, and expert resources of the former Comprehensive Research Institute of Construction Machinery of the Ministry of Construction and the Construction Mechanization Research Branch of China Academy of Building Research Co., Ltd., focusing on the common needs of the country in industries such as construction mechanization, construction industrialization, equipment intelligence, and construction assembly. After more than 60 years of deep cultivation, meticulous research, and technological accumulation, we actively undertake national research and development projects from the "7th Five Year Plan" and "8th Five Year Plan" to the "12th Five Year Plan" and "13th Five Year Plan", strengthen the transformation of research achievements and industrial cultivation, and take the establishment of scientific research institutes, the revitalization of industries, the promotion of industry technological progress, serving users, and creating value for users as our own responsibility. To become a research and industrialization service institution with strong research and development capabilities and comprehensive advantages in the field of construction mechanization in China.

Research and development fields: foundation construction machinery, steel bar connection technology and equipment, steel bar processing machinery, steel bar processing and distribution technology, prefabricated component steel bar processing complete equipment, elevators, concrete machinery, concrete and its product machinery, high-altitude work machinery, construction lifting machinery, lifting and transportation machinery, construction machinery and elevator safety and detection technology, mechanized construction technology, standard and specification research, etc.

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注: 产品更新, 相关技术参数恕不另告。
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Note: Product update, related technical parameters will be discussed specifically. Copyright of machine, accessories, pictures on this content belongs to CABR, others cannot copy for any purpose without permit.



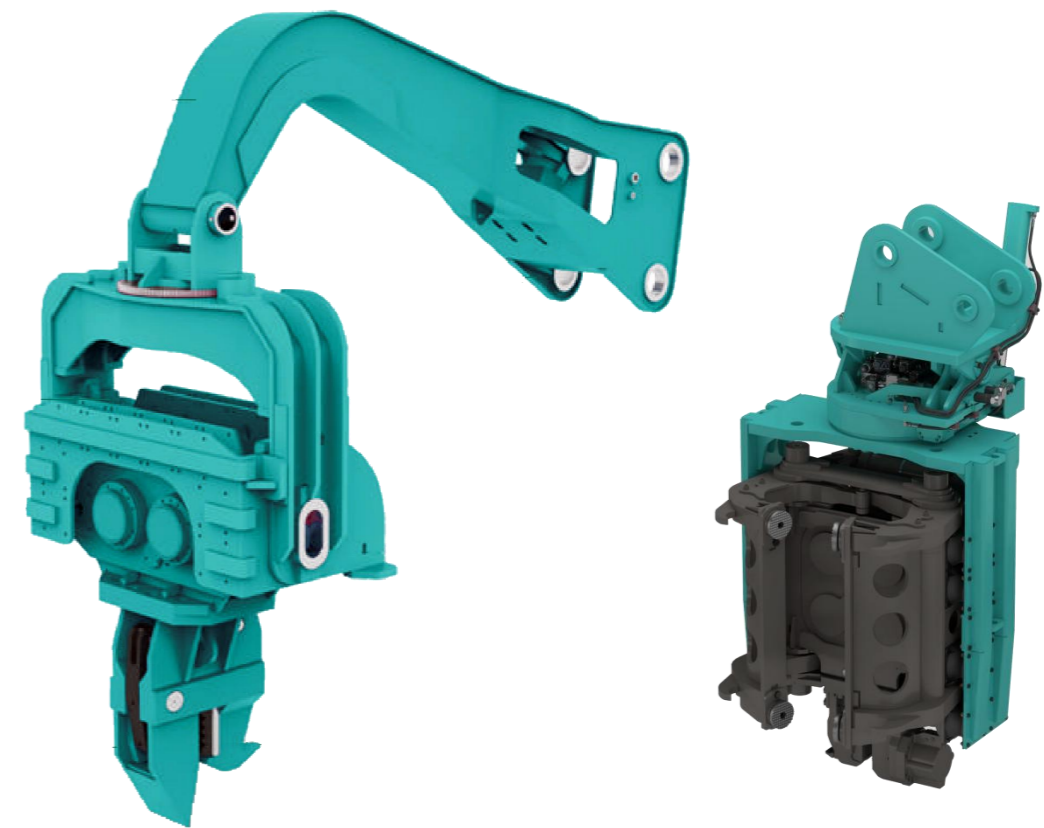
JAINE建研



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挖掘机用液压振动打桩锤

EXCAVATOR-MOUNTED HYDRAULIC VIBRATORY PILE DRIVER



北京建筑机械化研究院有限公司

Beijing Institute of Construction Mechanization Co., Ltd.

廊坊凯博建设机械科技有限公司

CABR Construction Machinery Technology Co., Ltd.



普通式打桩锤 JV系列

Vibratory Pile Drivers JV Series

- 具有振动打桩和拔桩、夹具夹持、前后方向和水平旋转等功能，各动作均可独立或组合操作
Functions with pile driving and pile extracting, handling, pitching, fixture clamping, front and rear direction and horizontal rotation, Each action can be operated independently or in combination.
- 可根据桩型，更换夹具或钳口规格
Change the clamp or jaw specification according to the pile type.
- 采用双重油路保压和防失压设计，确保夹具不掉压，夹桩可靠
Dual oil circuit pressure maintaining and anti pressure loss.
- 能够与各个不同的挖掘机主机厂产品配套，通用性强
Capable of supporting products from various excavator manufacturers.
- 所有操控均集成在驾驶室，与原挖掘机的操控系统融为一体
All controls are integrated into the driver's cab and integrated with the original excavator control system.

型号 Model	JV250	JV300	JV400	JV500	JV600
偏心力矩 Eccentric Moment (kgm)	4	5	6	7	8
额定频率 Frequency(rpm)	2800	2600	2300	2300	2300
最大频率 Max. Frequency(rpm)	3000	3000	3000	3000	3000
额定激振力 Centrifugal Force(kN)	300	370	450	520	600
工作压力 Pressure (MPa)	32	32	32	32	32
总质量 Weight(kg)	2800	2350	2880	2920	2980
副臂型号 Vice arm model	JA200	JA250	JA250	JA250	JA250
适用挖掘机规格 Excavator Class(t)	10-25	25-30	30-40	35-50	50-60
夹紧力 clamp force(kn)	600	600	800	800	880
外形尺寸 Size (mm)	700×1420×2420		760×1630×2620		



侧夹式打桩锤 JVC系列

Side Grip Pile Drivers JVC Series

- 具有侧边夹桩、侧向±30°倾斜和360°回转等功能，可以在桩的任意位置实现夹持。
Functions with side clamping of piles, lateral ± 30 ° tilt, and 360 ° rotation, and can be clamped at any position of the pile.
- 无需增加副臂，无需更换挖掘机的大小臂，适应性、通用性强。
No need to add auxiliary arms or replace the boom or arm of the excavator
- 可根据桩型，更换夹具或钳口规格
Change the clamp or jaw specification according to the pile type.
- 采用双重油路保压和防失压设计，确保夹具不掉压，夹桩更可靠
Dual oil circuit pressure maintaining and anti pressure loss.
- 所有操控均集成在驾驶室，与原挖掘机的操控系统融为一体
All controls are integrated into the driver's cab and integrated with the original excavator control system.

型号 Model	JVC60	JVC70	JVC80
偏心力矩 Eccentric Moment(kgm)	6.0	7.0	8.0
额定频率 Frequency(rpm)	2300	2300	2300
最大频率 Max. Frequency(rpm)	3000	3000	3000
额定激振力 Centrifugal Force(kN)	350	410	465
工作压力 Pressure (MPa)	32	32	32
总质量 Weight(kg)	2800	3200	3350
适用挖掘机规格 Excavator Class(t)	30~40	40~50	45~50
底夹夹紧力 Bottom clamp force(kN)	650	720	850
侧夹夹紧力 Side clamp force(kN)	720	850	980
回转/侧倾角度 Rotation /Tilt angle (°)	360°/±30°		
外形尺寸 Size (mm)	1120×1380×2610	1230×1420×2830	1290×1520×2950

