

# HWL500R

## PHOTOVOLTAIC PILE DRIVER

### 光伏打桩机



- 额定功率 Rated Power: 85/82kw
- 冲击功 Impact power:1800J
- 整机重量 Total Weight:7464kg

更加灵活、高效、节能

## 卓越的性能， 完全满足各类用户需求。

More flexible, efficient, energy-saving

Excellent performance, fully  
Meet the needs of various users.

全新新升级 全新新体验

NEW NEW UPGRADE NEW NEW EXPERIENCE

AIR COMPRESSOR



HWL500R 光伏打桩机动力配置采用柴油发动机，动力强劲、性能卓越，可靠性与燃油经济性显著提升。先进液压系统搭配优质元件与严格工艺，高效且耐用。整体框架结构优良，材质达标，强度高、稳定性好，符合工业美学，操作空间宽敞。生产工艺合理，耐磨件热处理，焊接精细并做应力缓解，测试设备完备。

The power configuration of the HWL500R photovoltaic pile driver adopts a diesel engine, which is powerful, has excellent performance, and has significantly improved reliability and fuel economy. The advanced hydraulic system is combined with high-quality components and strict processes, which is efficient and durable. The overall frame structure is excellent, the materials meet the standards, it has high strength and good stability, conforms to industrial aesthetics, and the operating space is spacious. The production process is reasonable, the heat treatment of wear-resistant parts, the fine welding and the stress relief are carried out, and the test equipment is complete.

# PRODUCT UPGRADE BRAND NEW EXPERIENCE

## 产品升级 全新体验

### 液压系统 Hydraulic system

液压系统能够将电动机等原动机输出的机械能转换为液体的压力能，为液压钻的钻头旋转、推进等动作提供强大而稳定的动力，确保钻孔作业的顺利进行。

The hydraulic system can convert the mechanical energy output by prime movers such as electric motors into the pressure energy of the liquid, providing powerful and stable power for the actions such as the rotation and advancement of the drill bit of the hydraulic drill to ensure the smooth progress of the drilling operation.

### 操作系统 operating system

采用人性化的设计，手柄集中档位齐全，操作简单，便于工人上手操作。

Adopting a user-friendly design, the handle has a complete range of gears and is easy to operate, making it convenient for workers to use.

### 钢履带 Steel Tracks

采用钢履带，适用于沼泽、山地、草地、雪地、沙漠等复杂恶劣的工况，自身具有较强的适应性。

It uses steel tracks and is suitable for complex and harsh working conditions such as swamps, mountains, grasslands, snow, and deserts, and has strong adaptability.

### 动力系统 Power system

搭载玉柴高功率 85kw 发动机，动力输出更稳定，整机操作动作更流畅，油耗低、动力足、扭矩大、好维修。

Equipped with a Yuchai high-power 85kW engine, the power output is more stable, the operation of the whole machine is more smooth, with low fuel consumption, sufficient power, large torque and easy maintenance.



## 技术参数

### MACHINE DETAILED PARAMETERS

整机配置 Machine configuration		
产品型号 Product model	HWL500R	
整机重量 Total Weight	7350	kg
冲击功 Impact power	1800	J
发动机 Engine		
发动机品牌 Engine Brand	玉柴	
额定功率 Rated power	85	kw
最大扭矩 / 转速 Maximum torque/speed	375/1850	N·m/rpm
燃油箱容积 Fuel tank capacity	150	L
液压系统 Hydraulic system		
额定排量 Rated displacement	105	ml/r
工作压力 Work Pressure	19	Mpa
额定流量 Rated flow	230	L/min
液压油箱容量 Hydraulic oil tank capacity	230	L
作业范围和性能 Operating range and performance		
液压锤型号 Hydraulic hammer model	100 型液压锤	
液压锤最大冲击频率 Maximum impact frequency of hydraulic hammer	800	Bpm
钎杆直径 Drill rod diameter	100	mm
最大桩杆长度 Maximum pile length	5	m
滑道行程 Slide travel	5100	mm
滑道摆动角度 Slider swing angle	左 15, 右 15 Left 15, Right 15	°
爬坡度 Climbing grade	25	°
尺寸 size		
运输时(长 * 宽 * 高) When transporting (length*width*height)	6760*2375*1980	mm
尾部回转半径 Tail turning radius	2030	mm
最小离地间隙 Minimum ground clearance	290	mm

## 售后服务

### After sales service



#### 24 小时热线 24 Hours Telephone

您有任何需要，只需要拨打 24 小时售后服务热线 400-9975-666。  
If you have any needs, just call the 24-hour after-sales service hotline 400-9975-666.



#### 15 分钟回复 15 Minutes To Respond

接到售后需求后，售后服务工程师将主动和您取得联系，向您了解设备情况和服务需求，通过电话，微信视频等远程指导处理问题。  
After receiving the after-sales demand, the after-sales service engineer will take the initiative to get in touch with you, ask you about the equipment situation and service needs, and deal with the problem through remote guidance such as telephone and WeChat video.



#### 24 时出发 24 hours departure

若电话指导无法处理好故障，服务工程师在 24 小时内携带维修工具出发，前往设备所在现场，进行现场维修服务。  
If the telephone guidance cannot handle the fault well, the service engineer will set off with the maintenance tools within 24 hours, go to the site where the equipment is located, and perform on-site maintenance services.



#### 重大情况处理 Handling of major situations

重大和特殊情况，服务体系将启动快速反应机制、专家支持机制和配件绿色通道。  
In major and special circumstances, the service system will start a rapid response mechanism, an expert support mechanism and a green channel for accessories.



#### 电话回访 Telephone interviews

现场服务完工后，公司总部呼叫中心将有服务专员对每次服务进行电话回访，跟踪完成情况和 service 质量，听取客户意见和建议并反馈到各职能部门进行落实和改善，以便为客户提供更优质的售后服务。  
After the on-site service is completed, the call center of the company's headquarters will have a service specialist to conduct a return call for each service, track the completion status and service quality, listen to customer opinions and suggestions, and feed back to each functional department for implementation and improvement, so as to provide customers with better quality.



卓越的性能  
完全满足各类用户需求  
Excellent performance Fully meeting various user needs



## COMPANY PROFILE

## 公司介绍

山东恒旺集团 创立于2011年，注册资金一亿元，坐落于运河之都、孔孟之乡的中国文化名城——山东济宁。历经十余年的发展，现已发展成为一家集设计研发、生产制造、国际贸易、电子商务、网络服务、物流运输为一体的创新科技企业。厂区占地面积10余万平方米，现有员工1000余人。2024年10月，总投资10.1亿元人民币、占地面积20余万平方米的恒旺机械设备智能化生产基地，在江北高新技术产业园落成并投产。

以研发之长，领技术之先。恒旺依托科技创新，依据市场发展和客户需求，不断研发出各种新型实用机械设备。当前主营产品覆盖挖掘机、推土机、钻探机械、光伏打桩机、压路机、装载机、吊车、叉车、履带运输车等40多个品类，产品畅销全球180多个国家和地区。

恒旺集团自成立初期就构建了较为完备、多元化的市场经营体系和产业价值链。在恒旺集团发展的十余年中，始终坚持立足本土，内强研发，外拓海外，摸索出一条适合自身发展的“互联网+传统制造业”的创新之路，跻身跨境电商新型产业模式之中，迈向持续快速发展的新台阶和跨越式发展的新时代。

恒旺始终践行“创新驱动、质量为先”的发展理念，全面推进产

品升级。在智能化改装领域持续取得突破，远程操控已成功应用于多种钻桩设备，施工安全得到真正保障；挖掘机领域突破多项技术难题，不断推出各种新型挖改设备，全力帮助客户实现一机多用，从而实现更高收益。

一直以来，恒旺集团不断加快知识产权标准化建设，重视培养、培育人才，以管理创新、技术创新推动公司持续发展。在坚持自主创新的道路上，先后获得各类专利200余项。精雕细琢，品质卓然，并先后通过ISO、欧盟CE、法国BV等十余项质量、安全检测等项目认证。

信誉为上，服务为本。通过多年的客户服务实践，恒旺建立起产品体验、用户培训、维修保障、配件供应“四维一体”的一站式服务体系并持续完善，为客户提供一体化施工解决方案，人性化、智能化的优质服务得到广大客户的一致好评和认可。

恒旺秉承“持恒心、守恒德、做恒业”的核心价值观，致力于让最广泛的客户享受最高性价比的产品和服务，朝着“建百年企业，创百年品牌”的发展方向不断前行。

干工程，选恒旺，事业兴旺！



高新技术企业  
High-tech enterprises

全国机械行业文明单位  
National Model Unit in the Machinery Industry

全国煤炭机械工业优秀企业  
National Outstanding Enterprise in Coal Machinery Industry

对外贸易重点入库企业  
Key Enterprise in Foreign Trade Database

中国工程机械工业协会会员单位  
Member Unit of the China Construction Machinery Industry Association

Shandong Hengwang Group founded in 2011, is located in Jining, Shandong, a renowned cultural city known as the Capital of the Grand Canal and the hometown of Confucius and Mencius. After more than a decade of development, it has now developed into an innovative technology enterprise integrating technology research and development, production, international trade, e-commerce, network services, and logistics transportation. The factory area covers more than 300,000 square meters, and it currently has over 2,000 employees. In October 2024, Hengwang Machinery's Intelligent Manufacturing Base, with a total investment of 1.01 billion RMB was completed and put into production in the Jibei High-Tech Industrial Park.

With the strength of R & D and leading in technology, Hengwang relies on technological innovation, guided by market development and customer needs, to continuously develop various new and practical machinery equipment. The current main products cover more than 40 categories including excavators, bulldozers, drilling machinery, new energy piling machines, road rollers, loaders, cranes, forklifts, crawler transporters, etc. The products are exported to more than 180 countries and regions.

Since its establishment, Hengwang Group has built a comprehensive and diversified market operation system and industrial value chain. In the more than ten years of development, Hengwang has always adhered to the strategy of local focus, strengthening research and development, expanding overseas markets, and exploring an innovative path of "Internet + traditional manufacturing". It has entered the new model of cross-border e-commerce and embarked on a new era of sustained rapid development and leapfrog development.

Hengwang always adheres to the development philosophy of "innovation-driven, quality first" and comprehensively promotes product upgrades.

It has made continuous breakthroughs in intelligent transformation and remote control technology, ensuring construction safety. In the field of excavators, it has solved multiple technical problems and continuously introduced various new excavation equipment, helping customers achieve multiple uses and higher profits.

Hengwang Group has been actively promoting the standardization of intellectual property rights and has attached great importance to talent cultivation and training. Through management innovation and technological innovation, it has driven the company's sustainable development. Accumulated more than 200 patents of various types over time. It has also passed more than ten quality and safety certification projects such as ISO, EU CE, and France BV.

With reputation as the top priority and service as the foundation, Hengwang has established a one-stop service system integrating product experience, user training, maintenance support, and spare parts supply through years of customer service practice. It provides customers with integrated construction solutions and has received unanimous praise and recognition for its humanized and intelligent high-quality service.

Adhering to the core values of perseverance, integrity, and dedication, Hengwang is committed to providing the widest range of customers with the highest cost-effective products and services, and continuously advances towards the direction of establishing a century-old brand and creating a first-class corporate culture.

Undertake Projects, Choose Hengwang, Prosper in Business!

Undertake Projects  
Choose Hengwang  
Prosper in Business  
干工程 选恒旺 事业兴旺

## 山东恒旺集团有限公司

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