

TZ536

履带式太阳能打桩机

Crawler Solar Pile Driver



TeZhong Machinery

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设备使用领域:

1. 专为光伏发电场建设而设计,用于打桩, 拔桩, 拧地钉, 螺旋钻, 气钻。
2. 高速公路护栏钻孔, 打桩, 拔桩。
3. 其他各种场地的打桩 (如农场, 牧场, 果园, 车棚) 等。

Application field:

1. Designed for photovoltaic power plant construction for Piling, Pulling, Screw pile driving, Auger drilling, Impact drilling.
2. Highway guardrails installation, piling, pulling piles and drilling holes.
3. Piling in various other sites (such as farms, pastures, orchards, carports, etc.)

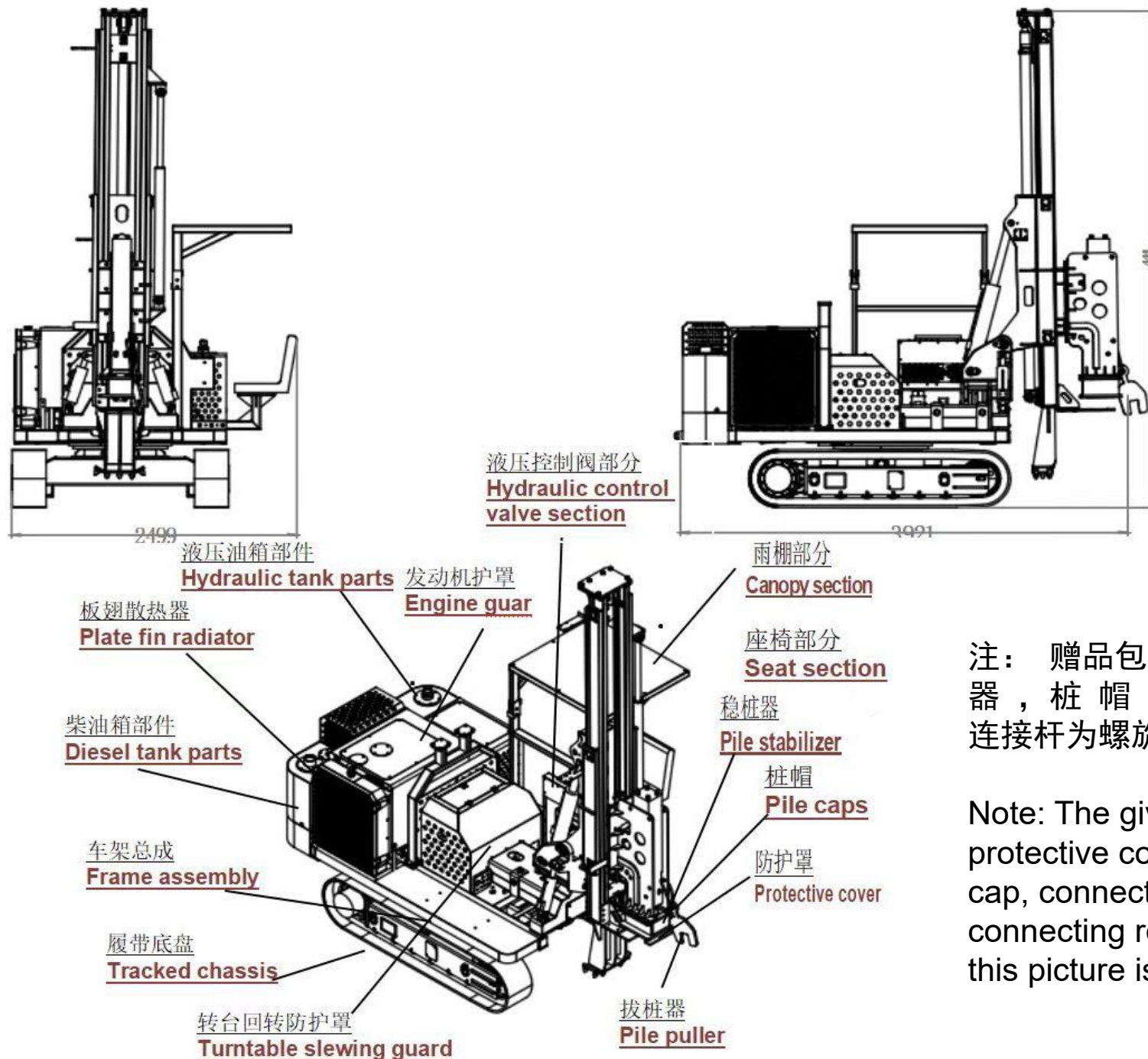


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TZ536 履带光伏打桩机			
TZ536 Crawler Photovoltaic Pile Driver			
打桩高度	5500 mm	发动机功率	YuChai——91KW
Piling height		Rated power	
钻孔深度	5000 mm	液压油泵	63+32 Double-pump
Drilling depth		Hydraulic oil pump	
钻孔直径	50-400 (mm)	液压系统压力	200 bar
Drilling diameter		Hydraulic system pressure	
工作状态外形尺寸 (长×宽×高)	4400×2585×7565 (mm)	液压系统流量	170 l/min
Work dimensions (L ×W × H)		Hydraulic system flow	
运输状态外形尺寸 (长×宽×高)	3640×1900×2580 (mm)	行走马达扭矩	7700 Nm
Transport dimensions (L×W× H)		Torque of walking motor	
整车重量	6300Kg	行走速度	0-3 Km/h
Operating weight		Walking speed	
工作平台回转角度	360°	液压马达最大扭矩	7000 Nm
Working platform turning angle		Max. torque of hydraulic motor	
履带总成规格 (长×宽×高)	2829×2150×672 (mm)	液压锤单次冲击能量	1260J
Track assembly specifications (L×W×H)		Single impact energy of hydraulic hammer	
履带板宽度	300 mm	钻孔倾角 (左右)	0-10°
Track plate width		Drilling angle (right and left)	
履带传动比	1 : 21.4	钻孔倾角 (前后)	0-100°
Track drive ratio		Drilling angle (anterior and backward)	
爬坡能力	<30°	液压油箱	~105 L
Climbing ability		Hydraulic oil tank capacity	
排放标准	国三	柴油箱	~85 L
Emission Standard	National III	Fuel tank capacitty	



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注：赠品包含，防护罩，稳桩器，桩帽，连接杆，拔桩器。连接杆为螺旋钻配件，此图不显示。

Note: The giveaway includes, protective cover, pile stabilizer, pile cap, connecting rod, pile puller. The connecting rod is an auger fitting, this picture is not shown.

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01 内架 Inner frame

内架可以水平延伸 40 厘米。

It can extend horizontally by 40 cm.

变幅油缸可以摆动 10°。

The luffing cylinder can sway by 10°.

最大前倾斜角度为 100°。

The MAX.forward tilt angle is 100°.

垂直角度可根据地面进行调整。

The vertical angle can be adjusted according to the ground.

02 竖导轨 Vertical Guide Way

导轨有效行程达到 4.5m，补偿高度为 1.0 m。

The effective travel of the mast reaches 4.5 m, and the compensation height is 1.0 m.

可以钻 5.0 m 的孔，打 5.5 m 的桩。

It can drill 5.0 m holes and drive 5.5 m piles.



03 锤 Hammer

单次冲击能量：1260 焦耳（450-900 BPM/295 KG，工作重量为 440 KG）。

Single impact energy: 1260 Joules (450-900 BPM/295 KG with a working weight of 440 KG).

单次冲击能量：1460 焦耳（450-700 BPM/500 KG，工作重量为 650 KG）。

Single impact energy: 1460 Joules (450-700 BPM/500 KG with a working weight of 650 KG)



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04 发动机 Engine

搭载强劲可靠的 91 千瓦玉柴柴油发动机，且支持定制其他发动机

Powered a powerful & reliable 91 KW YuChai diesel engine. And it supports customizing other engines.

冷却系统有一个特别扩大的散热器和辅助散热器，散热更快，这使得它可以在 +50°C 的高温下工作。
The cooling system has a specially enlarged radiator plus auxiliary radiator dissipating heat faster which has made it possible to work at higher temperatures of +50°C.

05 履带 Tracking

每条履带宽 300 毫米，长 2800 毫米，高 600 毫米。
Each track is 300 mm width, 2800 mm length, and 600 mm high.

这些精确的测量使其能够应对最困难的地形。These precise measurements enables it to comfortably tackle the most difficult terrain.



06 遥控 Remote control

TZ536 可选配遥控设备，可在桩间和行间高效移动。
The TZ536 can be optionally equipped with a remote control device for efficient movement between piles and rows

机器的所有操作都可以在遥控器上完成。
All operations of the machine can be completed on the remote control.

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07 回转马达 Slewing motor

采用国内知名品牌，中意的回转电机和回转支承，使机身可 360° 旋转。施工人员可以在施工现场简单地调整机器的角度和方向，以满足不同的作业要求。

Adopting well-known domestic brands, the slewing motors and slewing bearings from Zhongyi, enables the fuselage to rotate 360 °. Construction workers can conveniently adjust the angle and direction of the drilling rig on the construction site to meet different operation requirements.

08 集成式操作台 Integrated operation

集成式操作台，仅需一个人即可完成所有操作。
The integrated operation console enables one person to complete all operations.

各种仪表可以实时监控光伏打桩机的运行状态，让操作者及时做出调整

Various instruments can monitor the running status of the photovoltaic pile driver in real - time, allowing the operator to make timely adjustments.



09 液压油箱 Hydraulic oil tank

容量：105 L
Capacity:105L

液压油箱具有优良的密封性能，可防止液压油被污染。
The hydraulic oil tank has excellent sealing performance, which can prevent the hydraulic oil from being contaminated.

液压油箱上装有呼吸阀。它可以平衡液压油箱内部的压力，确保安全。自通风，抗乳化。

A breather valve is equipped on the hydraulic oil tank. It can balance the pressure inside the hydraulic oil tank and ensure safety. Self-ventilating, Anti-emulsification.