

TZ539

履带式太阳能打桩机

Crawler Solar Pile Driver



UTC



TeZhong Machinery

安徽特众机械科技有限公司

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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539-履带光伏打桩机

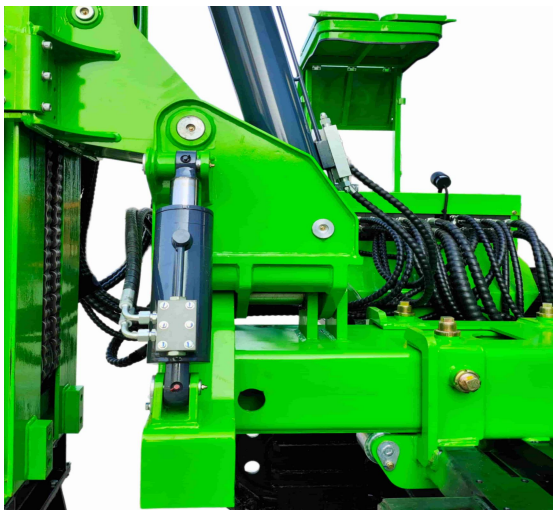
539-Crawler Solar Photovoltaic Pile Driver

项目	单位	数值
Item	Unit	Value
打桩高度	mm	4000
Piling height	mm	4000
旋桩高度	mm	4000
Screw pile driving height	mm	4000
钻孔深度	mm	4000
Drilling depth	mm	4000
钻孔直径	mm	50-400
Drilling diameter	mm	50-400
螺旋钻孔直径	mm	50-500
Auger drilling diameter	mm	50-500
工作状态外形尺寸 (长×宽×高)	mm	3000×1900×5500
Work dimensions (L ×W × H)	mm	3000×1900×5500
运输状态外形尺寸 (长×宽×高)	mm	4950×1900×2600
Transport dimensions (L×W× H)	mm	4950×1900×2600
整车重量	Kg	6000
Operating weight	Kg	6000
履带总成规格 (长×宽×高)	mm	2829×2150×672
Track assembly specifications	mm	2829×2150×672
履带板宽度	mm	300
Track plate width	mm	300
履带离地间隙	mm	230
Track ground clearance	mm	230
履带传动比	/	1 : 21.4
Track drive ratio	/	1 : 21.4
爬坡能力	%	<58
Climbing ability	%	<58
工作平台回转角度	°	360
Working platform turning angle	°	360

工作平台回转角度	°	360
Working platform turning angle	°	360
发动机功率	KW	91
Rated power	KW	91
液压油泵	三联泵	50+50+32
Hydraulic oil pump	Triple -pump	50+50+32
液压系统压力	bar	200
Hydraulic system pressure	bar	200
液压系统流量	l/min	115
Hydraulic system flow	l/min	115
行走马达最大扭矩	Nm	7700
Max.torque of walking motor	Nm	7700
行走速度	Km/h	0-3
Walking speed	Km/h	0-3
液压马达最大扭矩	Nm	12000
Max. torque of hydraulic motor	Nm	12000
液压马达流量	l/min	0-160
Hydraulic motor flow	l/min	0-160
钻孔倾角 (左右)	°	15
Drilling angle (right and left)	°	15
钻孔倾角 (前后)	°	0-115
Drilling angle (anterior and backward)	°	0-115
液压油箱	L	~105
Hydraulic oil tank capacity	L	~105
柴油箱	L	~85
Fuel tank capacity	L	~85



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01 内架 Inner frame

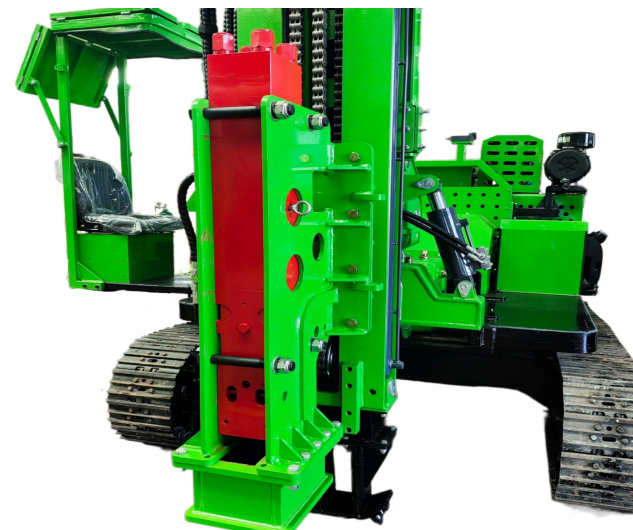
内架可以水平延伸 40 厘米。
It can extend horizontally by 40 cm.
变幅油缸可以左右摆动 10°。
The luffing cylinder can swing left and right by 10°.
最大前倾角度为 100°。
The MAX.forward tilt angle is 100°.

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 Mast

导轨有效行程为 4 m。
The effective travel of the mast is 4 m.
可以钻 4 m 的孔，打 4 m 的桩。
It can drill 4 m holes and drive 4 m piles.

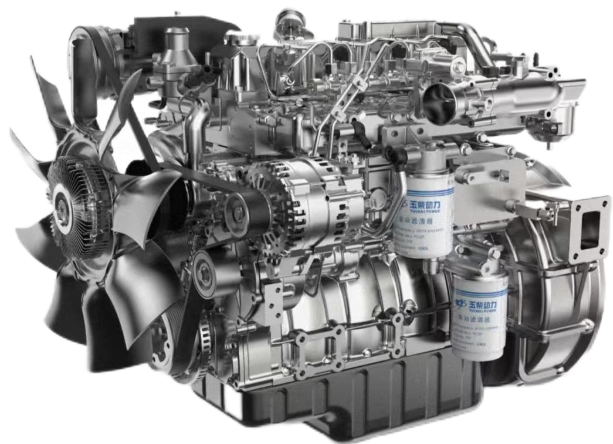


03 锤 Hammer

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

标准配置玉柴91KW，124马力的涡轮增压四缸柴油机，动力强劲可靠。

The standard configuration is Yuchai 91KW, 124Horsepower turbocharged four-cylinder diesel engine, which is powerful and reliable.

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 2300 毫米，高 500 毫米。
Each track is 300 mm width, 2300 mm length, and 500 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

TZ539 可选配遥控设备，可在桩间和行间高效移动。
The TZ539 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 machine 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:105 L

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.