

TZ630

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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TZ630 履带光伏打桩机		
TZ630 Crawler Solar Photovoltaic Pile Driver		
项目	单位	数值
Item	Unit	Value
打桩高度	mm	4500
Piling height		
钻孔深度	mm	4000
Drilling depth		
钻孔直径	mm	50-300
Drilling diameter		
运输状态外形尺寸(长×宽×高)	mm	2800×1950×2550
Transport dimensions (L×W× H)		
工作状态外形尺寸（长×宽×高）	mm	3350×3000×5800
Work dimensions (L×W× H)		
整车重量	Kg	4500
Operating weight		
履带板宽度	mm	300
Track plate width		
履带传动比	/	1:53
Track drive ratio		
爬坡能力	°	30
Climbing ability		
发动机功率	KW	75
Rated power		
液压油泵	单联泵	63
Hydraulic oil pump	Single pump	

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液压系统压力	bar	180
Hydraulic system pressure		
液压系统流量	l/min	150
Hydraulic system flow		
行走马达扭矩	Nm	10500
Torque of walking motor		
行走速度	Km/h	0-2.5
Walking speed		
钻孔倾角(左右)	°	±15
Drilling angle (right and left)		
钻孔倾角(前后)	°	30-110
Drilling angle (anterior and backward)		
液压油箱	L	~120
Hydraulic oil tank capacity		
柴油箱	L	~100
Fuel tank capacity		
液压锤打击力	J	1260
Single impact energy		
液压锤打击频率	bpm	450-900
Hydraulic hammer strike frequency		
液压锤流量	l/min	40-90
Driving flow		



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01 回转驱动装置 Slewing drive

旋转范围大概100°。

Rotation range: approx. 100°.

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 15°。

The luffing cylinder can sway by 15°.

最大前倾角度为 110°。

The MAX.forward tilt angle is 110°.

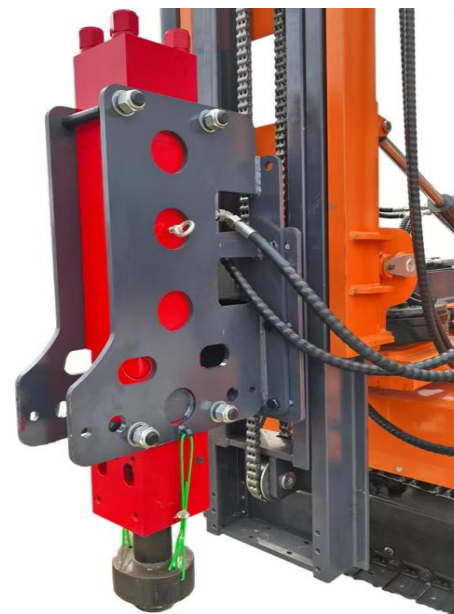
02 竖导轨 Mast

导轨有效行程为 4.5 m。

The effective travel of the mast is 4.5 m.

可以钻 4 m 的孔，打 4.5 m 的桩。

Can ram piles up to 4.5 m high and drill holes up to 4 m deep.



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

标配康明斯75KW，并且发动机支持定制。
Powered a powerful Cummins 75 KW 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 2100 毫米，高 490 毫米。
Each track is 300 mm width, 2100 mm length, and 490 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.

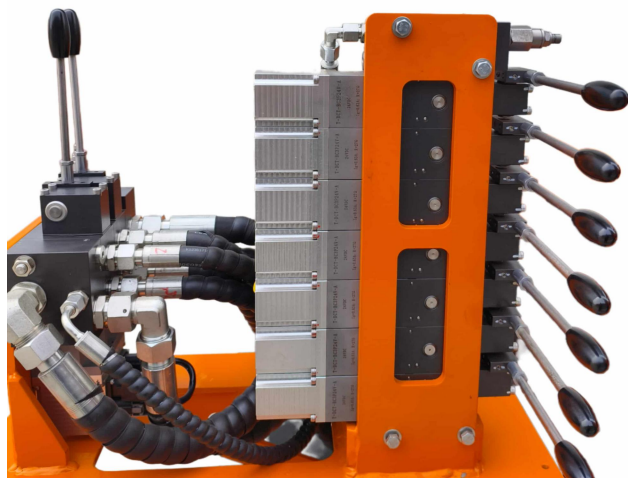


06 遥控 Optional Remote control

TZ630 可选配遥控设备，可在桩间和行间高效移动。
The TZ630 can be equipped with an optional remote control device, which allows 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 比例阀 Proportional Valve

采用高品质品牌比例阀，使操作更加平稳流畅。
Adopt high-quality brand proportional valve, which makes the operation smoother and smoother.

08 液压油箱 Hydraulic Oil Tank

容量: 120 L
Capacity: 120 L

加大的液压油箱可提供更大流量，并以紧凑的结构安装在履带上。

The enlarged hydraulic oil tank can provide more flow and is installed on the track with a compact structure.

液压油箱上安装有呼吸阀，以保持液压油稳定和清洁。

A breathing valve is installed on the hydraulic oil tank to keep the hydraulic oil stable and clean.



09 柴油油箱 Diesel Oil Tank

容量: 100 L
Capacity: 100 L

加大的柴油箱容量为 100 升，安装在履带上，结构紧凑。

The enlarged diesel tank has a capacity of 100L and is installed on the track, with a compact structure.

液压油箱上安装了双层防盗锁，更加安全。

A double-layer anti-theft lock is installed on the hydraulic oil tank, which is safer.