



# Anhui Tezhong Machinery Co.,Ltd



🌐 [www.tzpilemachine.com](http://www.tzpilemachine.com)

☎ +86 15061447755

✉ [jennifer@tzpilemachine.com](mailto:jennifer@tzpilemachine.com)

📍 No. 1, Zhongshan Road, Yongqiao District, Suzhou City, Anhui Province





## COMPANY PROFILE

Established in 2010, Anhui Tezhong Machinery Co.,Ltd is situated in Su-Xu High-tech Economic Development Zone. Boasting a convenient geographical location,it stands as a leader of China's construction machinery industry and serves as a demonstration site for China's construction machinery products.

TeZhong Machinery strictly follows APOP and PP-AP procedures for new product development and can fully offer personalized product development and production as per customer requirements. TeZhong Machinery is the first manufacturer in China to develop and produce solar pile drivers, highway guardrail pile drivers, pile extractors, DTH drill rig, drilling machines.In recent years, many of our products developed have been awarded 3 invention patents, 38 utility model patents and 1 PcT international patent.And our products have also passed the CE and ISO9001 Certification.

Since the establishment of the company, its product quality and corporate reputation have been highly praised by customers.TeZhong always adhered the principle of "survival by quality and development by reputation".TeZhong has made every effort to satisfy customers, continuously strengthened production management, and optimized technical strength and after-sales service. Looking to the future, we will cooperate with our users for mutual benefit and create brilliance together!



## ► Professional Designer Team

Our professional design team provides tailor-made customization according to your project requirements, perfectly adapting to all working conditions of photovoltaic construction sites and fully meeting actual operation needs of the project.



## ► Professional Welding Technology

We have an experienced professional welding team that continuously improves welding techniques. With exquisite craftsmanship, we consolidate product quality foundation and ensure every equipment is reliable and durable.



## ► In-house spray booth

Our factory is equipped with an independent spray booth to conduct refined surface pretreatment for finished welded workpieces: thoroughly remove weld seams and welding slag, followed by fine grinding. After grinding, all workpieces are processed by sand blasting in a unified manner, which effectively enhances paint film adhesion, and improves the overall anti-corrosion and rust-proof performance as well as appearance quality of the equipment.

# TZ650 Crawler Intelligent Solar & Guardrail Pile Driver With GPS

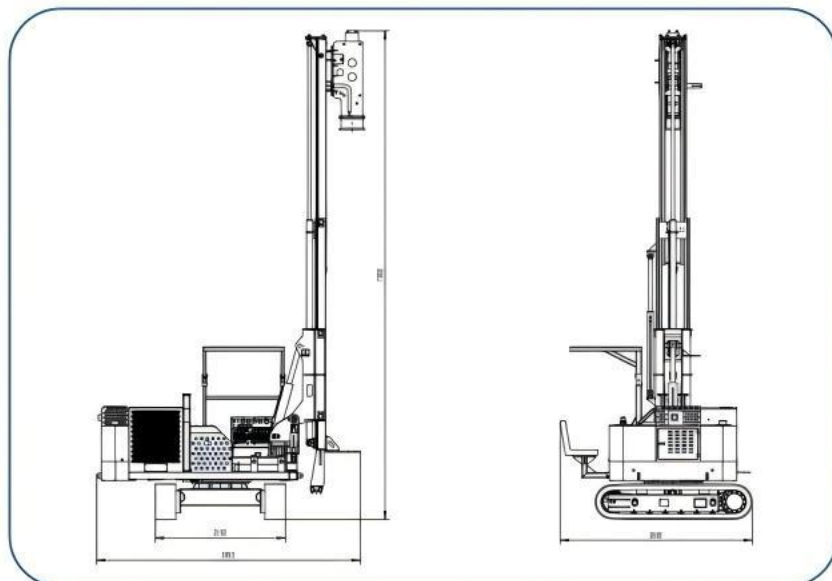
Piling | Pulling | Screw pile driving | Auger drilling



| Item                                     | Value               |
|------------------------------------------|---------------------|
| Pile driving height                      | 4500 mm             |
| Ground screw pile driving height         | 4500 mm             |
| Work dimensions (L ×W × H)               | 2900×2550×2950 (mm) |
| Transport dimensions (L×W× H)            | 3000×2600×3000 (mm) |
| Operating weight                         | 5000 Kg             |
| Track plate width                        | 300 mm              |
| Track drive ratio                        | 1:53                |
| Climbing ability                         | ±18°                |
| Engine brand                             | Yanmar              |
| Engine model number                      | 4TNV98T-ZCNLYSC     |
| Rated power                              | 61.3 KW             |
| Hydraulic oil pump                       | 63 ml               |
| Hydraulic system pressure                | 190 bar             |
| Hydraulic system flow                    | 150 l/min           |
| torque of walking motor                  | 7700 Nm             |
| Walking speed                            | 2/3(Two-speed)m/min |
| Single impact energy of hydraulic hammer | 1260 J              |
| Pile driving Angle (left and right)      | ±10°                |
| Pile driving Angle (front and rear)      | 30-110°             |
| Hydraulic oil tank capacity              | 120 L               |
| Fuel tank capacity                       | 110 L               |

# TZ536 Crawler Solar PV Pile Driver

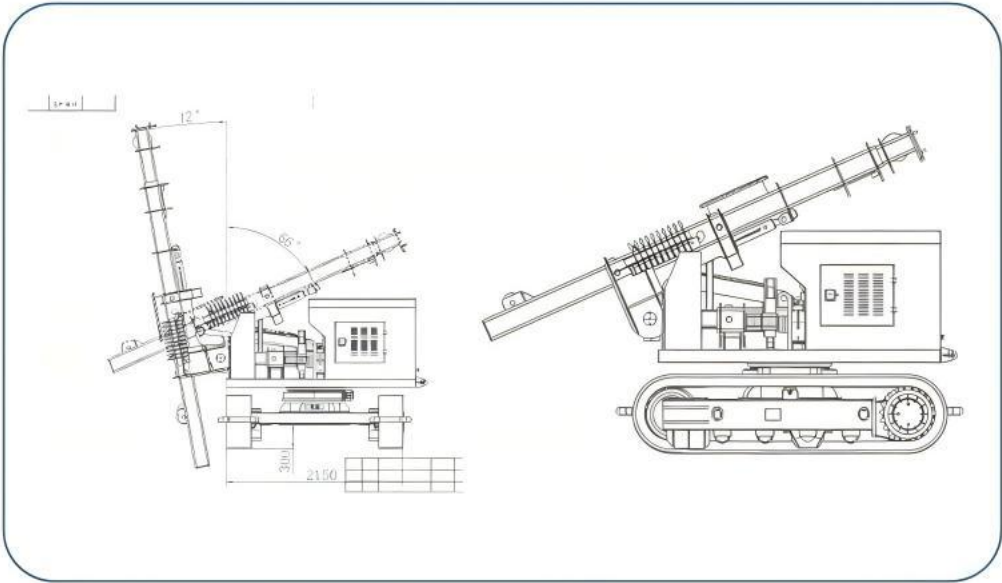
Pile driving, pulling / Screw pile driving / Auger drilling / DTH drilling



| Item                                     | Value                   |
|------------------------------------------|-------------------------|
| Pile driving height                      | 5500 mm                 |
| Ground screw pile driving height         | 5500 mm                 |
| DTH drilling depth                       | 5000 mm                 |
| DTH drilling diameter                    | 50-350 (mm)             |
| Auger drilling depth                     | 5000 mm                 |
| Auger drilling diameter                  | 50-350 (mm)             |
| Work dimensions (L × W × H)              | 4400 × 2585 × 7565 (mm) |
| Transport dimensions (L × W × H)         | 3640 × 1900 × 2580 (mm) |
| Operating weight                         | 6300 Kg                 |
| Working platform turning angle           | 360°                    |
| Track plate width                        | 300 mm                  |
| Track drive ratio                        | 1:21.4                  |
| Climbing ability                         | ≤30°                    |
| Rated power                              | 91 KW                   |
| Hydraulic oil pump                       | Double-pump(63+32)      |
| Hydraulic system pressure                | 200 bar                 |
| Hydraulic system flow                    | 170 l/min               |
| Torque of walking motor                  | 11200 Nm                |
| Walking speed                            | 0-3 Km/h                |
| Single impact energy of hydraulic hammer | 1260 J                  |
| Drilling angle (right and left)          | 0°-10°                  |
| Drilling angle (anterior and backward )  | 0°-100°                 |
| Hydraulic oil tank capacity              | 105 L                   |
| Fuel tank capacity                       | 85 L                    |

# TZ670 Crawler Solar Ramming Machine for PV station ground mounting

Pile driving, pulling / Screw pile driving / Auger drilling / DTH drilling



| Item                                     | Value               |
|------------------------------------------|---------------------|
| Pile driving height                      | 6000 mm             |
| Ground screw pile driving height         | 6000 mm             |
| DTH drilling depth                       | 5500 mm             |
| DTH drilling diameter                    | 50-350 (mm)         |
| Auger drilling depth                     | 5500mm              |
| Auger drilling diameter                  | 50-400 (mm)         |
| Transport dimensions (L×W× H)            | 3850×2150×2670 (mm) |
| Operating weight                         | 6800Kg              |
| Working platform turning angle           | 360°                |
| Track plate width                        | 300mm               |
| Track drive ratio                        | 1:54                |
| Climbing ability                         | ≤30°                |
| Rated power                              | 61 KW               |
| Hydraulic oil pump                       | 63 ml/r             |
| Hydraulic system pressure                | 180 bar             |
| Hydraulic system flow                    | 138 l/min           |
| Torque of walking motor                  | 11200 Nm            |
| Walking speed                            | 0-3 Km/h            |
| Single impact energy of hydraulic hammer | 1260 J              |
| Drilling angle (right and left)          | ±10°                |
| Drilling angle (anterior and backward )  | 35°-100°            |
| Hydraulic oil tank capacity              | 140 L               |
| Fuel tank capaccitty                     | 140 L               |

# TZ539 Crawler Solar PV Pile Driver

Pile driving, pulling / Screw pile driving / Auger drilling / DTH drilling



| Item                                     | Value               |
|------------------------------------------|---------------------|
| Pile driving height                      | 4000 mm             |
| Ground screw pile driving height         | 4000 mm             |
| DTH drilling depth                       | 3500 mm             |
| DTH drilling diameter                    | 50-350 (mm)         |
| Auger drilling depth                     | 3500 mm             |
| Auger drilling diameter                  | 50-400 (mm)         |
| Work dimensions (L × W × H)              | 4400×2585×5500 (mm) |
| Transport dimensions (L×W×H)             | 3640×1900×2580 (mm) |
| Operating weight                         | 6000 Kg             |
| Working platform turning angle           | 360°                |
| Track plate width                        | 300 mm              |
| Track drive ratio                        | 1:21.4              |
| Climbing ability                         | ≤30°                |
| Rated power                              | 91 KW               |
| Hydraulic oil pump                       | Double-pump(63+32)  |
| Hydraulic system pressure                | 200 bar             |
| Hydraulic system flow                    | 170 l/min           |
| Torque of walking motor                  | 11200 Nm            |
| Walking speed                            | 0-3 Km/h            |
| Single impact energy of hydraulic hammer | 1260 J              |
| Drilling angle (right and left)          | 10°                 |
| Drilling angle (anterior and backward )  | 0°-100°             |
| Hydraulic oil tank capacity              | 105 L               |
| Fuel tank capacity                       | 85 L                |

# TZ585 Lightweight Crawler Solar Pile Driver

Pile driving, pulling / Screw pile driving / Auger drilling / DTH drilling



| Item                                     | Value               |
|------------------------------------------|---------------------|
| Pile driving height                      | 4000 mm             |
| Ground screw pile driving height         | 4000 mm             |
| DTH drilling depth                       | 3500 mm             |
| DTH drilling diameter                    | 50-300 (mm)         |
| Auger drilling depth                     | 3500 mm             |
| Auger drilling diameter                  | 50-300 (mm)         |
| Work dimensions (L ×W × H)               | 2800×3200×5565 (mm) |
| Transport dimensions (L×W× H)            | 2800×2400×2650 (mm) |
| Operating weight                         | 4000 Kg             |
| Track plate width                        | 300 mm              |
| Track drive ratio                        | 1 :21.4             |
| Climbing ability                         | ≤30°                |
| Rated power                              | 75 KW               |
| Hydraulic oil pump                       | CBQL 60/16 AFH      |
| Hydraulic system pressure                | 160-200 bar         |
| Hydraulic system flow                    | 100 l/min           |
| Torque of walking motor                  | 7700 Nm             |
| Walking speed                            | 0-3 Km/h            |
| Single impact energy of hydraulic hammer | 1260 J              |
| Drilling angle (right and left)          | 0°-10°              |
| Drilling angle (anterior and backward )  | 0°-100°             |
| Hydraulic oil tank capacity              | 105 L               |
| Fuel tank capacity                       | 68 L                |

# TZ630 Newly Designed Solar Pile Driver

Pile driving, pulling / Ground Screw driving / Auger drilling / DTH drilling



| Item                                     | Value               |
|------------------------------------------|---------------------|
| Pile driving height                      | 4500 mm             |
| Ground screw pile driving height         | 4500 mm             |
| DTH drilling depth                       | 4000 mm             |
| DTH drilling diameter                    | 50-300 (mm)         |
| Auger drilling depth                     | 3000 mm             |
| Auger drilling diameter                  | 50-300              |
| Transport dimensions (L×W× H)            | 2800×1950×2550 (mm) |
| Work dimensions (L×W× H)                 | 3350×3000×5800 (mm) |
| Operating weight                         | 4500 Kg             |
| Track plate width                        | 300 mm              |
| Track drive ratio                        | 1:53                |
| Climbing ability                         | 30°                 |
| Rated power                              | 75 KW               |
| Hydraulic oil pump                       | Single pump 63      |
| Hydraulic system pressure                | 180 bar             |
| Hydraulic system flow                    | 150 l/min           |
| Torque of walking motor                  | 7700 Nm             |
| Walking speed                            | 0-3 Km/h            |
| Single impact energy of hydraulic hammer | 1260 J              |
| Drilling angle (right and left)          | ±15°                |
| Drilling angle (anterior and backward )  | 30°-110°            |
| Hydraulic oil tank capacity              | 120 L               |
| Fuel tank capacity                       | 100 L               |

TZ535 Crawler Solar Drilling Machine

Screw Pile Installation / DTH Drilling / Auger Drilling



| Item                                   | Value                         |
|----------------------------------------|-------------------------------|
| Ground screw pile driving height       | 4000 mm                       |
| DTH drilling depth                     | 4000 mm                       |
| Auger drilling depth                   | 4000 mm                       |
| drilling diameter                      | 90-400 (mm)                   |
| Work dimensions (L ×W × H)             | 5700×1980×2500 (mm)           |
| Operating weight                       | 5000 Kg                       |
| Main Hydraulic Pump Type               | gear pump                     |
| Displacement of Gear Pump              | 40+40+20                      |
| Output Pressure of Main Hydraulic Pump | 20MPa                         |
| Rated power                            | 92 KW                         |
| Rated Speed                            | 2100r/min                     |
| Travel Speed                           | 0-2.5KM/h                     |
| Climbing ability                       | ≤30°                          |
| Drilling angle (right and left)        | ±15°                          |
| Power Head                             | 8000N*m                       |
| Hydraulic Oil Heat Exchanger           | Integrated One-Piece Radiator |
| Hydraulic oil tank capacity            | 150 L                         |
| Recommended Hydraulic Oil Type         | 46#                           |
| Fuel tank capacity                     | 120L                          |



## Construction Site Photos



## Customer Machine Usage Feedback

Good color and strong performance mechanisms, we took six of them, I was not sure of the performance 100%, but after testing it on the battlefield I found it to be a strong fighter and you can add other applications to it as you like

2026-1-4 13:47:44

How has your experience been with using this machine?

已读

ll 2026-1-4 13:50:10

The model 536, including the compressor, works very well.

2026-1-4 13:47:44

How has your experience been with using this machine?

已读

ll 2026-1-4 13:50:10

The model 536, including the compressor, works very well.

1 小时前 ...

Gear worth investing in, you can put your money into T-Zong machines.

显示译文

赞 | 收藏

## Customer Feedback Chart

3 周前 ...

Thank you for the tremendous efforts you are making.  
Thank God the machines have arrived and we will use them  
in several solar energy and agricultural projects in Algeria.  
Thank you. We are very happy with them.

[显示译文](#)

Delia, I'm sending you a photo of the motor on the track of the second machine we have in Peru; the machine runs better.

14:18

❤️



14:18



Anhui Tezhong Machinery Co.,Ltd  
安徽特众机械科技有限公司