



## Pilling Machinery

# TZ2S Drilling Jambo



- **Product Category:** Drilling Jambo
- **Brand:** XCMG
- **Model:** TZ2S
- **Price:** \$100000.00-\$1000000.00 / EA
- **Delivery Time:** 1-90DAYS
- **Supply Capacity:** 1-500UNITS / Year
- **Product Origin:** China
- **After-sales Service:** Engineers available to service machinery overseas.

## Product Feature of TZ2S Drilling Jambo

### Main Applications

It's mainly applicable for the tunneling operations of roadways and tunnels in mines and other underground projects.

Capable of drilling of blast holes, anchor rod holes, and undermining holes and installation of explosives, anchor rods, and air ducts.

Maximum operation area coverage: 104 m<sup>2</sup>.

### Technical Features

Drill jambo

The hydraulic drill jambo adopts special structural process on the basis of the domestic tunneling process to realize super-strong anti-bending capability, high drilling speed, and low drilling tool consumption and effectively improve the working performance of tunnel side hole drilling.

Propeller



The lightweight high-strength alloy girder features high anti-bending, anti-distortion, and anti-fatigue performances and longer life.

#### Chassis

It's applied with energy-saving, environmental-friendly, and low emission engine, powerful all-road all-drive self-adaptive traveling system, integral frame, and rear-wheel steering system, featuring high vehicle stability.

#### Drill boom

The all-directional paralleling-maintained drill booms of proprietary technology features accurate positioning. The drill booms adopt equal-strength structure design to realize reasonable structure, high strength, and long life.

#### Drilling system

The three-stage anti-seizure, anti-empty-drilling, and automatic return functions of drilling tool are provided to effectively improve the drilling efficiency and reduce the consumption of drilling tool.

#### Centralized lubrication system

The distributor is applied to gather the difficultly accessible lubricating points to reduce the maintenance works.

#### Hydraulic system

The electronic control design is applied for the auxiliary motions, including outriggers and roof lamp to simplify the pipelines and ease the maintenances.

#### Electric system

The electric parts of world's renowned brands, including Schneider, Siemens, Phoenix, Littelfuse, and Williams, are applied to realize high reliability and long service life. The production and warning functions, including grounding malfunction protection, phase sequence protection, digital current/voltage indicator, drill jambo impact timer, oil return filter blockage warning, motor thermistor protection, motor overload protection, engine malfunction warning, and transmission malfunction warning, are provided.

### Parameters of TZ2S Drilling Jambo

| Item                                        | Unit           | Parameter |
|---------------------------------------------|----------------|-----------|
| Maximum operation cover area                | m <sup>2</sup> | 104       |
| Maximum operation height                    | mm             | 9200      |
| Maximum operation width                     | mm             | 13600     |
| Drill boom extended length                  | mm             | 1600      |
| Drill boom lifting angle                    | °              | 65/-30    |
| Tit angle for propeller                     | °              | ±45       |
| Propeller tit angle                         | °              | 360       |
| Propeller compensation length               | mm             | 1800      |
| Maximum propulsive force                    | kN             | 20        |
| Drill hole depth                            | mm             | 5217      |
| Impact power of gadder                      | kW             | 31        |
| Impact frequency of gadder                  | Hz             | 62-77     |
| Swing torque of gadder                      | N.m            | 557       |
| Diameter for dill hole                      | mm             | φ43-φ102  |
| Water flushing pressure                     | bar            | 10 月 15 日 |
| Gas lubrication pressure                    | bar            | 2 月 4 日   |
| Lifting height for working service platform | mm             | 9000      |
| Swing width for working service platform    | mm             | -         |

|                                         |      |                 |
|-----------------------------------------|------|-----------------|
| Rated load for working service platform | kg   | 400             |
| Lifting height of cab                   | mm   | -               |
| Lifting height of cab roof              | mm   | -               |
| Total installed power                   | kW   | 215             |
| External power supply                   | V/Hz | 380/50          |
| Maximum traveling speed                 | km/h | 16              |
| Maximum gradability                     | °    | 14              |
| Engine power                            | kW   | 119             |
| Transport dimension                     | mm   | 14400*2550*3126 |
| Curb weight                             | kg   | 32000           |