



Pilling Machinery

TZ3A Drilling Jambo



- **Product Category:** Drilling Jambo
- **Brand:** XCMG
- **Model:** TZ3A
- **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 TZ3A 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: 180m².

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

TZ3A drill jambo (Optional version)

Highlights of FGS system

Customized navigation process

Visual display of all boom positions

Click to zoom up every display

Automatic stop of drilling upon sending of 24V signal to every drilling boom

Press reset button to automatically stop drilling in event of interference.

Production report after every drilling cycle

Calculation recommendation for charge volume

Optional top view and side view

3D views in drilling data management for the viewing of background office

Display of drilling pressure of Montabert jackdrill and indication of overpressure

Available Chinese operation interface

4 pressure sensors on every boom

Synchronized data among all display screens in cab

USB synchronized production data

Advantages of FGS system

Rapid positioning and simplified process of booms

Easy operation interface

Automatic return of jackdrill and level bottom end of blast holes

Management of hole arrangement diagram

Production management (Blast hole drilling effect)

Really firm components

Parameters of TZ3A Drilling Jambo

Item	Unit	Parameter
Maximum operation cover area	m ²	180
Maximum operation height	mm	13075
Maximum operation width	mm	15725
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	5140
Impact power of gadder	kW	18.8
Impact frequency of gadder	Hz	40-50
Swing torque of gadder	N.m	780
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	12000
Swing width for working service platform	mm	15500
Rated load for working service platform	kg	400
Lifting height of cab	mm	1200
Lifting height of cab roof	mm	700
Total installed power	kW	200
External power supply	V/Hz	380/50
Maximum traveling speed	km/h	15
Maximum gradability	°	15
Engine power	kW	200
Transport dimension	mm	16000*2950*3400
Curb weight	kg	45800