

### Drilling Method

- >> DTH Drilling
- >> Mud Drilling
- >> Auger Drilling
- >> RC drilling(Optional)



# JCM400

## MULTIFUNCTIONAL DRILLING RIG 多功能钻机

### INTRODUCTION 产品介绍

>> JCM400 fully hydraulic top impact rotary track multifunctional drilling rig, mainly suitable for tunnel pipe shed support holes and pilot survey holes, urban deep foundation pit anchoring holes, grouting reinforcement holes, hydropower stations, railway and highway slope large tonnage prestressed anchoring holes or drainage holes construction, as well as ground source heat pump hole construction; And take into account the construction of small and medium-sized foundation pile holes, water well irrigation holes, and blasting holes.

>> Multi functional drilling Various drilling techniques can be used on this type of drilling rig, such as impact drilling, down the hole drilling, through air reverse circulation drilling, cutting drilling, roller drilling, and pipe following drilling, etc. The drilling rig can be equipped with mud pump, foam pump and generator according to user requirements. The drilling rig is also equipped with a hydraulic winch as standard.

### >> CHARACTERISTICS 产品特点

>> Fully hydraulic control is convenient and flexible. The rotation speed, torque, axial pressure, counter axial pressure, propulsion speed, and lifting speed of the drilling rig can be adjusted at any time to meet the needs of different drilling tool usage conditions and construction processes. Top drive rotation, impact, and propulsion lifting are convenient for connecting and unloading drill rods, shorten auxiliary time, and also facilitate pipe following drilling.

>> High working efficiency, Due to its full hydraulic and top drive impact, rotation, propulsion, and lifting capabilities, it is suitable for various drilling techniques and drilling tools, with convenient and flexible operation, fast drilling speed, and short auxiliary time, resulting in high operational efficiency. Drilling costs are lower.

>> High leg track type, High support legs are convenient for loading and transportation, and can be directly loaded without the need for a crane. Crawler walking is more suitable for moving on muddy sites.

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WECHAT



WHATSAPP



**Specification** 技术参数

Specification	Unit	JCM400
<b>Drilling Specification</b>		
Rock Hardness		F=6-20
Hole Diameter	mm	115-380
Hole Depth	m	400
Hydraulic system pressure	Mpa	22
<b>Drill Pipe</b>		
Drilling Rod Diameter	mm	76,89,102,114
Drill rod Length	m	3,4,5,6
Hammer size	Inch	4"-8"
<b>Rotation</b>		
Rotation Speed	rpm	60-120
Max.Rotation torque	Nm	8000-16000
<b>Feed System</b>		
Feeding method		Cylinder+Chain
Feed Stroke	mm	6.6
Feed force	Ton	0-10
Pull back capacity	Ton	0-25
Normal Feeding Speed	M/min	3.95
Fast feeding speed	M/min	0.5 ~ 5.2
Normal lifting speed	M/min	19.9
Fast lifting speed	M/min	26.4
Mast Extension	mm	1400
Mast lifting angle	°	-15-40
Mast dumping angle	°	100
<b>Hydraulic Winch</b>		
Winch capacity	Ton	1.5
<b>Engine</b>		
Brand		Weichai
Model		WP10-330
Type		Water Cooling,6cylinder
Rated Power	Kw/Rpm	247/2200
Fuel tank capacity	L	120
<b>Undercarriage</b>		
Undercarriage Rotation angle	°	360
Track width	mm	400
Ground Clearance	mm	≥350
Oscillation	°	10
Walking Speed	km/h	2-3
Grade Ability	°	20
<b>Dust Collector(Optional)</b>		
Collecting type		Full hydraulic
<b>Dimension &amp; Weight</b>		
Shipping Length	mm	7500
Shipping Width	mm	2250
Shipping Height	mm	2900
Weight	Kgs	19000

具体参数变化以实物为准 The specific parameter changes are subject to the actual object.


**Main Structure** 主要结构
