

DR-60 Micro Rotary Drilling Rig



The pictures are for reference only, and everything is subject to the actual product.

1. Equipment Introduction

1. DR-60 Model is a newly developed small excavator refitted rotary drilling rig in 2021.
2. This is Sany excavator, we can purchase excavator according to customer's requirements, and then refit.
3. After modification, it can achieve the function of one machine with three functions: **drilling machine, crane and excavator**.
4. This drill is suitable for small construction sites, such as concrete piling. The depth is 5-15m. Drilling tools can be selected according to geological requirements!

2. Main Technical Parameters:

Product model 型号	DR-60
Chassis length(mm)履带长度	2700
Chassis width(mm)履带宽度	400
Machine weight(t)整机重量	10
Maximum drilling depth(m)最大钻孔深度	5-15
Drilling diameter(mm)钻孔直径	500-1200
Engine brand 发动机品牌	Yangma / Kubota / Isuzu
Engine rated power(KW/rpm)发动机额定功率	36
Maximum torque of power head(KN.m)动力头最大扭矩	60
Power head speed(rpm)动力头转速	45
Maximum pressure of the pressurization system(KN)加压系统最大加压力	30
Maximum lifting force of the pressurization system(KN)加压系统最大提升力	25
Maximum travel pressure system(mm)加压系统最大行程	1000
Maximum lifting force of the main winch(KN)主卷扬最大提升力	100
Maximum lifting force of the auxiliary winch(KN)副卷扬最大提升力	13
Maximum pull-up speed of the main winch. (m/min)主卷扬最大上拉速度	20
Left and right inclination angle of drilling mast(°)钻桅左右倾角	±5
Forward and backward inclination angle of the drilling mast (°)钻桅前后倾角	5/90
Maximum driving speed(KM/h)底盘最大行走速度	3
Maximum climbing angle(°)底盘最大爬坡度	35
Overall length of transport status(mm)运输状态长度	4800
Overall width of transport status(mm)运输状态宽度	2000
Overall height of transport status(mm)运输状态高度	3400
Auger kelly type 钻杆类型	Kelly bar

3.Performance characteristics

1.DR-60 Mini rotary drilling rig is small and compact, especially suitable for drilling construction in narrow space. The micro rotary drilling rig is equipped with a suitable drill bit, drilling depth of 15m, diameter of 1000mm.

2.Mini rotary drilling rig is a small caliber rotary drilling rig with high efficiency and low operating cost. Its body size is moderate, easy to transport and use. This rig is ideal for small contractors. It can be hauled by ordinary open trucks.

3.Another significant feature is that there is no need to disassemble the drill pipe during transportation, thus saving rig installation time on the site.

4.Application working conditions

Easy access to sites inaccessible to small and medium-sized rotary drilling RIGS, such as elevator rooms, inside buildings, under low eaves, low clearance sites.

It is widely used in the construction of electric pole pile foundation of narrow subgrade of municipal, highway and electrified railway.

4.More pictures for reference



5.Attachment List of Tools and Wear Parts:

1	Name	Model	Qty.	Unit
2	Flat-blade screwdriver		1	pcs
3	Phillips screwdriver		1	pcs
4	Within six wrench	5	1	pcs
5	Within six wrench	8	1	pcs
6	Within six wrench	12	1	pcs
7	Gape	32-34	1	pcs
8	Gape	36-41	1	pcs
9	Gape	30-32	1	pcs
10	Gape	24-27	1	pcs
11	Gape	22-24	1	pcs
12	Live mouth	300	1	pcs
13	Manual grease gun		1	pcs
14	PTFE tape		1	pcs
15	Hook		1	pcs
16	Dill bit pin		2	pcs
17	Saddle screw	12	2	pcs
18	Electronic valve ring		1	pcs
19	O ring	9*1.9	10	pcs
20	O ring	10*1.9	10	pcs
21	O ring	14*1.9	10	pcs
22	O ring	18*2.4	10	pcs
23	O ring	20*2.4	10	pcs
24	O ring	35*3.5	10	pcs
25	O ring	38*3.5	10	pcs
26	O ring	70*3.5	10	pcs
27	Combination pad	33	10	pcs
28	Shaped 90 °	14	1	pcs
29	Shaped 91 °	20	1	pcs
30	Shaped 92 °	27	1	pcs
31	Shaped 93 °	36	1	pcs
32	Shaped Tee	16	1	pcs
33	Shaped Tee	20	1	pcs
34	Shaped Tee	36	1	pcs
35	Combination pad	14	10	pcs
36	Combination pad	16	10	pcs
37	Combination pad	20	10	pcs
38	Combination pad	22	10	pcs
39	Combination pad	27	10	pcs
40	Combination pad	30	10	pcs
41	Oil filter.		1	set

42	Diesel filter.		1	set
43	Hydraulic oil filter.		1	set
44	Solenoid.		1	set
45	Nylon slider.		1	set
46	Hydraulic oil seal.		1	set