

DR4300

This rotary blasthole drilling rig is equipped with a 4-cylinder YUCHAI engine with low emission and less pollution. Also it features a piston motor and reinforced continuous track, both of which help this construction tool work better in ramp climbing. Wide swing and tilt angles make the unit suitable for various drilling applications. Moreover, this kind of rotary blasthole drilling rig is characterized by two rotational motors that can boost feed and pull out force and reliable operation. Thanks to the reinforced materials, the drilling machine can be transported from site to site. For environmental protection, the drilling rig consists of a dry dust collector that effectively reduces pollutants to the air.

TECHNICAL SPECIFICATIONS

Model	KG4300	KG4300H
Total weight	5250kg	5700kg
Dimensions	5900×2250×2700mm	6300×2400×2700mm
Rock hardness	F=6-20	
Hole diameter	Ø90-152mm	
Hole depth	25m	
RPM	0-75rpm	
Maximum rotation torque	5000N.m(Max)	
Pull out force	40kN	
Feed type	Oil cylinder+roller chain	
Feed extension travel	3175mm	
Tramming speed	0-2.5km/h	
Gradeability	≤30°	
Ground clearance	500mm	
Tilt angle	Down:130°, up:35°, total:165°	
Swing angle	Left:91°, right:5°, total:96°	
Boom swing angle	Down:55°, up:15°, total:70°	
Boom swing	Left:45°, right:45°, total:90°	
Oscillation angles	±10°	
Boom extension	900mm	
Engine type	YC4DK80-T302(58kW/2200r/min)KG420/Yuchai YC4DK80-T302(58kW/2200r/min) YC4DK100-T304(73kW/2200r/min)KG420H/Yuchai YC4DK100-T304(73kW/2200r/min)	
DTH hammer	K40	
Drilling rod	Ø76×2m+Ø76×3m	
Flushing air	13-20m³/min	
Maximum height of horizontal holes	2850mm	
Minimum height of horizontal holes	350mm	

