



KG930A Mining Crawler Drilling Rig (Improved by DY130)

Description:

KG930A mining crawler drilling rig is an improved type of DY130, Optimized and updated hydraulic system, drill boom parts, sliding carriage components and so on, which made the reasonable drill angle, faster rotary and feed speed, longer service life of motor and more reliable.

Application:

KG series Mining Crawler Drill are specially designed drill equipment , which can be widely used for surface drilling such as quarry, railway construction, road construction, small to medium mining operation and etc. High performance features higher penetration rate with lower fuel consumption. Compressed air is used to operate crawler drill hammer for blast holes drilling, bench hole drilling, grout hole drilling, anchor hole drilling and etc.





KG930A Mining Crawler Drilling Rig

Technical Parameters

Rock hardness	F=6-20
Diameter of hole	Φ80-125mm
Optimum drilling depth	25m
Working pressure	1.0-2.4Mpa
Air consumption	9-18 m ³ /min
Rotary speed	120r/min
Rotary torque	2000N.m
Lift power	17000N
Feed way	oil cylinder-chain
Feed distance	3000mm
Walk speed	0-2.0km/h
Climb ability	30°
Ground clearance	320mm
Sliding carriage pitch angle	Blow 135°, elevation 5°, total 145°
Sliding carriage swing angle	Left100°,right45°,total 145°
Drill boom pitch angle	Blow 50°, elevation 25°, total 75°
Drill boom swing angle	Left45°,right90°,total 135°
Sliding carriage supplying length	1200mm
Power	YC4D80(58KW 2400r/min)
Drill rod	Φ76
Weight	6000kg
Dimension	5355*2215*2365mm

KG930A compare with DY130

Model	KG930A	DY130	Remark
Power	YC4D80	QC498	
Hydraulic system	large valve, new flow divider and connect		Smaller resistance, more tidy shape
Sliding carrier parts	Thick and stronger sliding carrier, and lower friction platen	Rude steel sliding carrier	Stronger rigidity and lower wear
Drill boom parts	New type drill boom		Drill horizontal, vertical hole for one fulcrum
Pneumatic system	Live type impacting valve	Ball valve	Better operation
Oil pump	32	28.2	Increase flow
Rotary speed	90r/min(diesel1700r/min) 120r/min(diesel2200r/min)	60r/min(1700)	Improve 50%
Feeding speed	580mm/s	530mm/s	Improve 10%