



ROADHEADER



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FULL MECHANIZED PROFILE

SANYI Heavy Equipment CO.,LTD. engages industry of coal machine from the year of 2004, the first Roadheader successfully produced on Aug 2005.

Standard of internal quality control of Sany Roadheader is highly than level of similar industry. With the recognition of customer, Sany Roadheader has already become the leader of industry with more than 4000 units selling and occupied above 50% of market share and already been exported to Russia, Ukraine, Laos and Pakistan. etc.

Roadheader's power of cutter is from 100kw to 418kw, hardness of cutting rock is from f4 to f10.

Applicable patent is 479 units, including 177 patent succeed. Our core technology is leading development of industry. The top level R&D team could provide high level solution to appreciated customer.

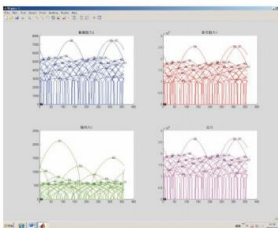


Introduce "industrial moulding design" to coal mining machinery. The patent received gold award in Geneva and China.
Patent No.: ZL200730285323.0
Strong driving power, high hydraulic system configuration and safe and intelligent electrical-control system providing high reliability and low failure rate.



FIRST APPLICATION OF CENTRALIZED LUBRICATING SYSTEM IN CHINA, REALIZING AUTOMATIC LUBRICATION

Reduce the malfunction caused by unbalance load.
Patent No.: IL200920013452.8



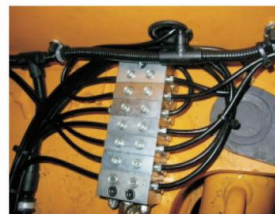
FIRST APPLICATION OF OPTIMIZED-DESIGNING CUTTING HEAD AND CUTTING PICK CONFIGURATION TECHNOLOGY IN THE INDUSTRY

Applied with high-efficiency rock breaking technology, loading technology, high-efficiency dust suppressing technology which solved the world-class problems in rock roadway excavating.
Self-developed optimized- design cutting head and cutting pick configuration technology, which increases the cutting capacity by 30% and rock-breaking capacity by 20%.



INDUSTRY-LEADING ROADHEADER HYDRAULIC SYSTEM LOAD-SENSITIVE VARIABLE PUMP

Low heat generation, efficient and stable.



FIRST APPLICATION OF CENTRALIZED LUBRICATING SYSTEM IN CHINA

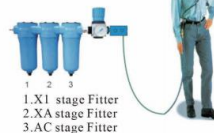
Realizing automatic lubrication.



FIRST INITIATIVE OF HIGH-EFFICIENCY DUST SUPPRESSION SYSTEM

High-efficiency dust suppression system, collection coefficient $\geq 90\%$. Product sold to many countries, total population over 3000 units.

Air supply



FIRST APPLIED MINING DUST-PROOF BREATHING SYSTEM

Solve the dust hazard problem in operation of high-gas mines.



Total Power	472kW	Length	12.4m
Width Of Crawler Wheel	2.4m	Width	2.62m
Cutting motor power	260/200kW	Width Of Crawler Wheel	1.8m
Height	1.79m	Whole Weight	80t
Working Conditions	Coal /half coal /Rock Seam	Height Of Roadway	3.3-5.1m
Width Of Roadway	6.5m	Normal Cutting Hardness	7 F
Walking Speed	0-5.5 m/min	Specified Output Power	160 kW
Service Voltage	1140 V	Water Supply Pressure	3-8 MPa