

Longtop
Professional Mining
Equipment Supplier

隆拓矿山机械



About Us

In 2008 , Tianjin Qiangli Pneumatic Tools Commerce&Trade Co.,Ltd was established.

In 2016, Tianjin Qiangli was reorganized into Tianjin Longtop Mining Co.,Ltd. In a 10-year cycle, whether "Tianjin Qiangli" or "Tianjin Longtop ", has been committed to providing global customers with better cost-effective mining machinery products, including, but not limited to, pneumatic rock drilling tools produced by own factories.

Over the past 12 years, through the cooperation with different countries and regions of mining enterprises, equipment dealers and accumulated experience, we can provide customers with timely and accurate industry and product information; According to the different needs of customers to provide customers with high-performance and price-ratio products and services.



Air-leg Rock Drill

	YT23	YT24	YT27	YT28	YT29A	YSP45 (stoper)
Weight (kgs)	24	24	27	26	27	44
Length (mm)	628	678	668	661	659	1420
Piston stroke (mm)	55	70	60	60	60	47
Air Consumption (L/min)	80	66.7	83.3	82	88	113.3

Air consumption is based on 0.63Mpa working pressure



Hand-held and Air Leg Rock Drill

Air Leg

	YO18	Y19A	YO20
Weight (kgs)	18	19	18
Length (mm)	550	600	561
Piston stroke (mm)	45	54	55
Air Consumption (L/min)	20	37	21.6

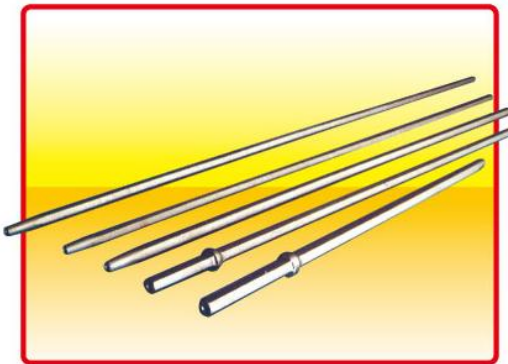
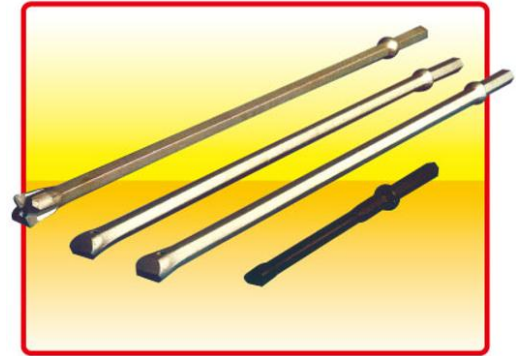
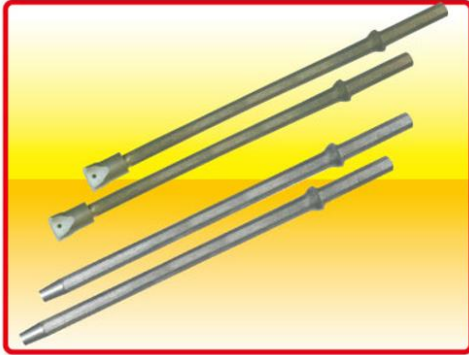
	FT140B	FT140BD	FT160A	FT160B	FT160BC	FT160BD	FT100	FT80
Weight (kgs)	16	14	17	16	17	16	11	10
Min. Length (mm)	1687	1400	1668	1428	1800	1400	1312	1400
Max. Length (mm)	2937	2365	3006	2526	3165	2365	2122	2300
Feeding Length (mm)	1250	965	1338	1098	1365	965	810	800
Suitable Machines	YT24	YT24	YT23 YT23D YT27 YT29A	YT23 YT23D YT27 YT29A	YT28	YT28	Y19A	YO18 YO20

Air consumption is based on 0.4Mpa working pressure

Rock Drill Spare Parts



Rock Drilling Tools



BQG Diaphragm Pump



Series Number	Volume (L/Min)	Outlet pressure(Mpa)	Air consumption (m³/h)	Rated pressure (Mpa)	Weight (kgs)	Measurement (mm)	Inlet/outlet size(inch)
BQG100/0.4	100	0.4	0.4-0.5	0.6	21.3	490*400*340	1.5
BQG125/0.45	125	0.45	0.5-0.7	0.6	28.4	644*438*390	2
BQG140/0.3	140	0.3	0.5-0.55	0.6	21.3	490*400*340	1.5
BQG170/0.25	170	0.25	0.6-0.8	0.6	21.3	490*400*340	1.5
BQG200/0.4	1200	0.4	0.8-0.9	0.6	41.8	890*538*477	3
BQG250/0.3	250	0.3	0.7-0.85	0.6	28.4	644*438*390	2
BQG320/0.3	320	0.3	0.85-0.95	0.6	41.8	890*538*477	3
BQG350/0.2	350	0.2	0.65-0.85	0.6	28.4	644*438*390	2
BQG450/0.2	400	0.2	0.9-1.0	0.6	41.8	890*538*477	3

BQS(BQW) Mining Pump



PRODUCT INTRODUCTION

BQS series mining flame-proof sewage desilting submersible pump has been jointly researched and developed by our company and Jiangsu University. Fully range of models, power range is 2.2kw~315kw, flow range is 10m³/h~2500m³/h, head range is 7m~100m, all products are designed with full head, no overload throughout whole head. With perseverance, our company innovates the products and has overcome the sewage desilting submersible pump's technical issues such as product structure, parameter optimization, manufacturing process, operating efficiency, sealing and leak-proofing, material application, etc. More than twenty technology patents have been awarded. Due to the applications of a number of newest researches, optimized motor and electric pump manufacturing process have already been formed. Compared with similar products in China, our products enjoy the advantages of safety and reliability, portability and practicality, good sewage and desilting properties, long service life, wide range of product options, easy model selection, etc.

APPLICATION

It is applicable to dangerous sites which contain methane (commonly known as gas) and coal-dust explosion, capable of handling sewerage which contains a mixture of insoluble solid contents such as sediment, coal slime, cinders, fibrous material, etc. It is also applicable for transporting rain water and sewage containing solid particles at constructions, hospitals, residential areas, municipal projects, roads, factory sewage, etc.

BQ Series Electric Pump



Model	Flow (m³/h)	Lift (m)	Impeller series	Electric pump efficiency (%)	Synchro -speed (r/min)	Motor Power (KW)	Rated voltage (KV)	Outlet diameter (mm)
BQ100-595/6-355/W-S	100	595	6	47.9	1500	355	6/10	100
BQ100-1100/13-710/W-S		1100	13	48.4		710		
BQ150-450/5-400/W-S	150	450	5	52.2	1500	400	6/10	150
BQ150-1020/12-900/W-S		1020	12	53.4		900		
BQ200-350/4-400/W-S	200	350	4	52.21	1500	400	6/10	200
BQ200-1110/13-1120/W-S		1110	13	58.2		1120		
BQ280-340/4-400/W-S	280	340	4	58.3	1500	400	6/10	250
BQ280-1445/14-1800/W-S		1445	14	60.3		1800		
BQ300-270/3-400/W-S	300	270	3	59.2	1500	400	6/10	250
BQ300-595/7-800/W-S		595	7	60.5		800		
BQ400-255/3-450/W-S	400	255	3	60	1500	450	6/10	250
BQ400-1020/12-1900/W-S		1020	12	62.4		1900		
BQ450-170/2-355/W-S	450	170	2	60.9	1500	355	6/10	250
BQ450-510/6-1000/W-S		510	6	62.7		1000		
BQ500-240/3-500/W-S	500	240	3	63.4	1500	500	6/10	250
BQ500-1080/12-2200/W-S		1080	12	65.2		2200		
BQ550-170/2-400/W-S	550	170	2	66.6	1500	400	6/10	250
BQ550-940/11-2200/W-S		940	11	67		2200		
BQ600-170/2-450/W-S	600	170	2	59.2	1500	450	6/10	250
BQ600-600/6-1800/W-S		600	6	61.2		1800		
BQ725-132/3-400-W/S	725	132	3	67.9	1500	400	6/10	250
BQ725-765/19-2200/W-S		765	19	70.6		2200		
BQ1000-100-400/S-S	1000	100	1	64.4	1500	400	6/10	350
BQ1000-560/6-2200/W-S		560	6	66.6		2200		
BQ1100-100-450/W-S	1100	100	1	65.3	1500	450	6/10	350
BQ1100-430/5-2000/W-S		430	5	67.9		2000		
BQ1450-85/2-500/W-S	1450	85	2	72.2	1500	500	6/10	350
BQ1450-400/10-2200/W-S		400	10	74.2		2200		

Underground Ventilating Equipments



FBD Series Ventilating Machine



FBCDZ Series Ventilating Machine

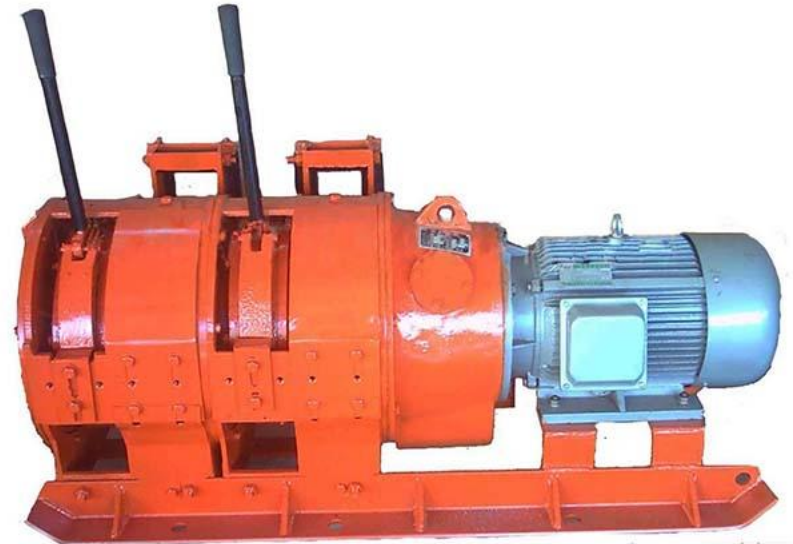


Ventilating Duct

Underground Lifting Equipment

PRODUCT INTRODUCTION

Scraper winch is mainly used in underground or open pit ore handling and filling operations in metal mines and other mines. Mainly used for horizontal raking, but also horizontal or inclined slope raking less than 44 degrees, can not be used as lifting equipment. Drivers can operate by hand beside winches or by using buttons several to tens of meters away from winches.



JPB Series Scraper Winch

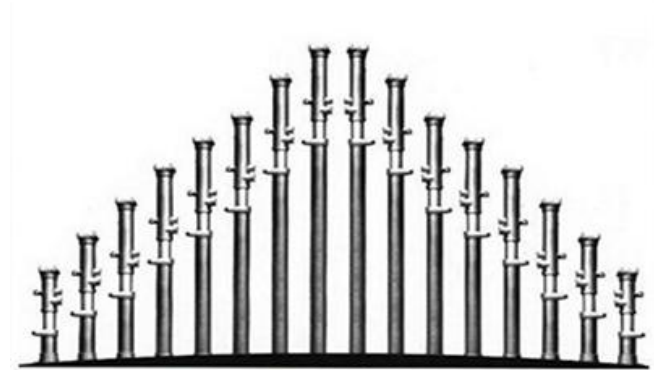
Model	Power (KW)	Average tension (KN)	Average Speed(m/s)		Roller Dia. (mm)	Size (L*W*H) (mm)	Weight (kg)
			main	assisted			
2JPB-7.5	7.5	8	1	1	205	1146*538*480	390
2JPB-15	15	14	1.1	1.5	220	1580*640*610	665

Mining Support Equipments



Pneumatic Roof Bolter

Roof bolter, also known as anchor drilling rig in some places, is a drilling tool in bolt support work of coal mine roadway. It has prominent advantages in improving support effect, reducing support cost, speeding up roadway construction, reducing auxiliary transportation volume, reducing labor intensity and improving utilization ratio of roadway section. Bolt drill is the key equipment of bolt support. It affects the quality of bolt support, such as the orientation, depth, accuracy of hole diameter and installation quality of bolt, and also involves the personal safety of operators labor intensity and working condition.



DN Single Hydraulic Prop

DN inner injection single hydraulic prop for the internal structure of the mine for the fluid hydraulic prop, mainly consist by the roof, ventilation valve, cylinder, live cylinder, piston, hand pump, unloading valves, safety valves and handles body and other component parts.

DN inner injection single hydraulic prop plays a big role in the mine roadway support, get the acceptance and use of country's major coal mines customers, it is simple, easy to use, without liquid injection, the direct use hand crank to complete hydraulic prop lift column and drop column.

Underground transport equipment



The ACY-3L LHD is distinguished from its base model, the ACY-3 LHD, with its long boom design and greater scope of application. It has a bucket dump height of up to 1890mm, which even can be used to discharge ore and pass chutes, can also be used for assisting truck transporting. The well-designed main frame structure ensures ruggedness.

Capacity

Bucket Capacity	3.0m ³
Unloaded Weight	18,070kg
Tramming Capacity	6,000-7,500kg
Breakout Force(Hoist)	105kN

Operating Capability

Breakout Force(Dump)	131kN
Static Tipping Capacity.....	13,170kg

Operating time

Raising.....	7.2s
Lowering	4.7s
Dump & Roll Back	6.0s

Speed

First Gear	4.7km/h
Second Gear.....	9.4km/h
Third Gear	18.4km/h

Engine

Model	DEUTZ BF6M1013C
Output.....	144kW/2300rpm
Maximum Torque	720Nm/1400rpm

Transmission System

Torque Converter	DANA C270
Gearbox	DANA R32000
Axles	DANA 16D2149
TIRES	17.5 x 25, L5S, TT

Hydraulic System

Steering System	Center Articulation, Double Acting Hydraulic Drive
Turning Angle	+/-42°
Steering Flow	75.9 L/min
Steering Pressure	21MPa
Operating Flow	187 L/min
Operating Pressure	21MPa
Braking System	spring brake, hydraulic release
Braking Pressure	17MPa
Braking Distance	2.5m with fully load and speed in 8km/h

Electrical System

Volt	DC24V
Alternator	BOSCH 28V/55A
Starter.....	BOSCH 4.8kW/24V
Batteries	Two, 12 V / 165 Ah
Lights	2 Front ,2 Rear

Driver Cab ROPS/FOPS Certified, according SAE standard

Mining used power equipments



BRW emulsion pump station

PRODUCT INTRODUCTION

BRW series mine emulsion pump station is used in the operation of various mines, national defense, tunnel and tunnel. Mainly for the coal face, tunneling machine with high pressure emulsion, can meet the general mining face, fully mechanized face different requirements. Automatic water inlet, pump overpressure automatic unloading, emulsion concentration ratio can be adjusted freely, has the advantages of flexible operation, convenient movement, efficient, energy-saving, safety, corrosion resistance, wear resistance, transmission distance and so. According to the customer demand can be equipped with vacuum electro magnetic starter, emergency switch.

Model	Pressure	Flow	Piston Dia.	Stroke	Speed	Motor		Dimension	Weight
	Mpa	L/min	mm	mm	R/min	kw	V	L*W*H(mm)	kg
BRW250/31.5	31.5	250	45	64	548	160	660/1140	2800*1200*1300	3800
BRW315/31.5		315	50			200		2900*1200*1300	3900
BRW400/31.5		400	56			250		3000*1200*1300	4000

Lighting Equipments



T7 Miner Lamp



KL5LM Miner Lamp



KJ3.5LM Miner Lamp