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Portable Air Compressor & Mining Equipment

Tianjin Jinjing Gas Compressor Manufacturing Co.,Ltd.



Our Company 01

Tianjin Jinjing Gas Compressor Manufacturing Co.,Ltd.



Tianjin Jinjing Gas Compressor Manufacturing Co.,Ltd. founded in 2005, is a leading high technology of machine and equipment manufacturer integrating the design, R&D, production, sales and service for air compressors & Mining Equipment. Adopting advanced technology, design concept and quality control, and we are able to provide customized products to meet customers' OEM needs.

Our company has more than 520 employees, including 86 senior technicians and professional engineers. Our technical team provides our customers with professional air system solutions. With the total 15000 square meters of the facility, four modern advanced production lines are built up to ensure production capacity to meet customer requirements.

Our company has been awarded the honorary title of "Tianjin high-tech enterprise" and our products enjoy high honors in the industry. Our company has the ISO9001 certification and was awarded the qualification certificate of equipment through military contracts in 2018.

We have a complete system of after-sales service and quality assurance. The company's material purchase, inspection, manufacturing, installation, and testing are strictly in accordance with the ISO procedures. which will ensure each compressor has reliable quality and has a complete record to trace, if needed.

2005
Founded

15000
Square Meters

16
Years



02

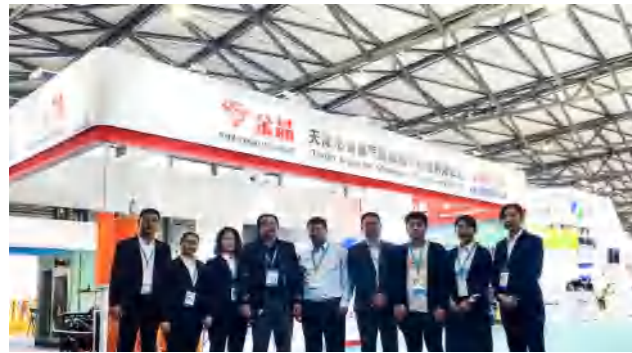
Honor Certificate



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Portable air compressor & Mining Equipment

Jinjing portable screw air compressor series is designed to cover almost all applications, from construction and infrastructure to landscaping and oil and gas, to factory backup air, etc. Customers all over the world rely on Jinjing to bring compressed air to their work sites.

Jinjing also provides a range of pneumatic tools and integrated drilling rigs, which are designed to extend service life by minimizing high-wear parts to ensure reduced maintenance and downtime.

Jinjing compressors are manufactured with the brand promise of reliability, durability and performance in mind.

Diesel portable screw air compressor



Features

1. Flexibility for higher utilization

Shift from low to high pressure with the turn of a switch, it means the same one compressor can be rented for multiple applications. This flexibility helps drive improved ROI through increased utilization rates and a more consolidated fleet.

2. Easy serviceability

Serviceability is key in how we design our equipment. Many of our portable air compressors now include doors on all four sides, making access quick and easy.

3. An intuitive controller

Our controller, which is on the curbside to help keep the operator safe, features an LCD graphic display showing all key machine operating parameters. Quickly and easily understand the status of your compressor.

4. Multi-stage air filter

Suitable for dusty working environment; multi-stage fuel filter, suitable for domestic oil quality status; super large oil-water cooler, suitable for high temperature and plateau environment.



Electric portable screw air compressor

Model	Pressure (bar)	Displacement (m ³ /min)	Diesel Engine (kw)	Air End Compression	Type	Dimension (mm)	Weight (kg)
DPS-5/8	8	5	41	single stage	2 wheel	1660*1100*1600	700
DPS-6/8	8	6	41	single stage	2 wheel	2300*1460*1550	1000
DPS-7/8	8	7	78	single stage	2 wheel	2300*1500*1800	1350
DPS-9/8	8	9	78	single stage	2 wheel	2300*1500*1800	1450
DPS-13/8	8	13	110	single stage	4 wheel	2600*1486*2255	1800
DPS-12/10	10	12	110	single stage	4 wheel	3000*1776*2420	2500
DPS-10/14.5	14.5	10	110	two stage	4 wheel	3000*1776*2420	2500
DPS-12/15	15	12	110	two stage	4 wheel	3000*1776*2420	2700
DPS-10/18	18	10	140	two stage	4 wheel	3000*1776*2420	2700
DPS-15/15	15	15	132	single stage	4 wheel	3000*1776*2420	2500
DPS-15/13	13	15	132	single stage	4 wheel	3000*1776*2420	2500
DPS-16/16(17/13)	16/13	16/17	154	single stage	4 wheel	3000*1776*2420	2500
DPS-16/18	18	16	154	two stage	4 wheel	3000*1776*2420	2700
DPS-20/8	8	20	154	two stage	4 wheel	3000*1776*2420	2700
DPS-18/17	17	18	191	two stage	4 wheel	3200*2000*2600	3500
DPS-18/18(24/13)	18/13	18/24	191	two stage	4 wheel	3200*2000*2600	3700
DPS-20/20	20	20	191	two stage	4 wheel	3200*2000*2600	3700
DPS-22/20	20	22	228	two stage	4 wheel	3200*2000*2600	4000
DPS-31/25	25	31	295	two stage	track	3200*1956*2600	4500



Features

1. Adopt infinitely adjustable air intake control to make the whole machine highly efficient and energy-saving.
2. Adopting high-efficiency four-stage motor, longer life and more reliable.
3. Adopt scientific sound absorption and shock absorption technology to ensure the low noise operation of the machine.
4. Reasonable matching design of fan and cooler ensures the low and high temperature performance of the machine.
5. Using temperature control valves of internationally renowned brands, the temperature control is more accurate and reliable.
6. The whole machine is easy to operate and the running status is clear at a glance.
7. Humanized automatic alarm and shutdown protection functions.
8. Use SIEMENS company's electrical control components to make the machine safer and more reliable.



Pneumatic pick

Model	Pressure (bar)	Displacement (m³/min)	Motor Power (kw)	Air End Compression	Motor Protection	Dimension (mm)	Weight (kg)
EPS-13.6/8	8	13.6	75	single stage	IP23	2600*1500*1800	1700
EPS-12/10	10	12	75	single stage	IP23	2600*1500*1800	1700
EPS-16/8	8	16	90	single stage	IP23	2600*1500*1800	1750
EPS-13/14.5	14.5	13	90	single stage	IP23	2600*1500*1800	1750
EPS-13/17	17	13	90	two stage	IP54	3370*1824*2350	3200
EPS-16/13-A	13	16	90	two stage	IP54	3370*1824*2350	3400
EPS-16/13-B	13	16	110	single stage	IP23	2850*1810*2150	3250
EPS-16/13-C	13	16	110	single stage	IP54	2850*1810*2150	3250
EPS-15/17-A	17	15	110	two stage	IP54	3370*1824*2350	3500
EPS-15/17-B	17	15	132	single stage	IP23	2850*1810*2150	3250
EPS-15/17-C	17	15	132	single stage	IP23	2850*1810*2150	3250
EPS-17/13-A	13	17	132	single stage	IP23	2850*1810*2150	3250
EPS-17/13-B	13	17	132	single stage	IP54	2850*1810*2150	3250
EPS-17/18	18	17	132	two stage	IP54	3370*1824*2350	3500
EPS-21/13	13	21	132	single stage	IP54	2850*1810*2150	3300
EPS-21/18	18	21	132	two stage	IP54	3370*1824*2350	3500
EPS-19/18	18	19	185	single stage	IP54	3370*1824*2350	3500
EPS-24/14	14	24	185	single stage	IP54	3370*1824*2350	3500



The pneumatic pick is a hand-held construction tool that uses compressed air as the power to break hard objects by impact.

It has the characteristics of light weight, simple structure, convenient operation and high efficiency, and is widely used in coal mining, soft rock mining, and construction sites.

The pneumatic pick consists of an air distribution mechanism, an impact mechanism and a pick drill. The impact mechanism is a thick-walled cylinder with an impact hammer that can reciprocate along the inner wall of the cylinder. The tail of the pick is inserted into the front end of the cylinder, and the rear end of the cylinder is equipped with a valve box.

Model	G10	G11	G15	G20	G40
Net weight	10.5kg	11kg	12kg	20kg	40kg
Working pressure	0.63Mpa	0.63Mpa	0.63Mpa	0.63Mpa	0.63Mpa
Impact energy	≥43J	≥43J	≥43J	≥62J	≥90J
Impact frequency	≥16Hz	≥16Hz	≥16Hz	≥17HZ	≥18HZ
Air consumption	≤26L/S	≤26L/S	≤26L/S	≤27L/S	≤64L/S
Bore diameter	38mm	40mm	42mm	45mm	63.5mm
Tracheal inner diameter	16mm	16mm	16mm	19mm	19mm
Machine weight	10.5kg	11kg	12kg	20kg	40kg



Crawler rock drill



The crawler hydraulic rock drilling rig is hydraulically driven by its crawler walking, drilling tool rotation propulsion, impact, and drilling rig leveling. It is the preferred equipment for drilling and blasting and ore mining construction projects.

Composition structure: It is mainly composed of hydraulic rock drill, drill boom, crawler walking part, diesel engine, screw air compressor, and hydraulic system. All the operations of the drill are controlled by the handle, which is fully mechanized.

Features

1. Integrated construction, work in one go

The crawler hydraulic rock drilling rig integrates power, rock drilling, walking, slag discharge and dust collection equipment, complete and diverse functions, flexible and convenient operation, and effectively improve work efficiency.

2. Drilling at any angle, challenging the limit of space operation

The crawler hydraulic rock drilling rig can walk on its own, and the drill boom can move back and forth, up and down, and left and right to achieve drilling operations at any angle in the three-dimensional space.

3. Reasonable flow configuration, system energy-saving and fuel-saving

The crawler hydraulic rock drilling rig adopts a triple pump design, and the system flow is reasonably configured, and the energy consumption is only 1/3 of that of a pneumatic drill.

4. Environmental protection design to ensure air quality

The air intake of the crawler hydraulic rock drilling rig engine is equipped with two-stage air filtration to ensure the cleanliness of the air sucked in in the construction environment; the dust collection device can effectively separate dust and slag, collect dust, and ensure the air in the construction environment quality.

Model	JCRD-66
Weight (without drill rod)	5500kg
Engine rated power/speed	66kw/2300r/min
Drawer horse height	600mm
Ground clearance	400mm
Working air pressure	16Mpa
Impact air pressure	1-2.4Mpa
Exhaust	14-35m ³ /min
Borehole diameter	105-165mm
Borehole vertical depth	40m
Borehole level depth	40m
Driving speed	2.5km/h
gradeability	35°
Drill rod level swing angle	Left 45° right 45°
Drill rod up and down angle	Up 60° down 19°
Carriage swing	Front right 35° front left 50°
Carriage max up angle	Level up 66°
Carriage max down angle	Level down 114°
Carriage compensation length	1200mm
Drill level max height	3.45m
Rotary speed	0-120r/min
Rotary stock	3120mm
Lifting force	35KN
Dimension	6100*2250*2250mm

This series of rock drills can also be customized according to customer requirements.



Integrated down the hole drill rig



The integrated open-air DTH drill carriage is a drilling equipment that integrates the DTH drilling system and the screw air compression system.

Can drill vertical, inclined and horizontal holes, used for drilling blast holes in open-pit mines and stone works and pre-split holes.

Features

1. Two-stage compressor head, larger displacement, higher pressure, can provide continuous surging power.
2. High-strength and high-torque dual-motor rotary power head, with a wide range of apertures, and can easily deal with stuck drills.
3. Super large horizontal diesel tank, saving the trouble of refueling in the middle.
4. Using jinjing water-cooled booster engine, low fuel consumption. The engine room layout is reasonable and easy to maintain.

5. Adopting professional engineering four-wheel area, supporting body leveling system, easy to control various complex terrains.

6. Some models are equipped with a powerful dust filter system and large air volume to meet environmental protection requirements.

Model	JH612	JC617	JH712	JC720	JC729S	JH759
Rated power(kw)	78	60	60	73.5	60/55	79.2
Drilling diameter(mm)	90-120	90-127	90-140	90-260	90-220	105-220
Depth of drilling(m)	30	30	35	50	50	30
Drilling rod(mm*m)	φ 60/76*2	φ 64*3	φ 64/76*3	φ 76*3	φ 76*3	φ 76*3
Inches/DTH hammer	3"/4"	3"/4"	3"/4"	4"/5"/6"	4"/5"/6"	4"/5"/6"
Pressure(mpa)	0.8-1.6	0.8-1.6	0.7-1.8	1.0-2.4	1.0-2.0	1.0-2.4
Air consumption(m ³ /min)	10-15	9-15	10-18	14-35	11-21	13-22
Rotary torque(N.m)	1650	2400	2500	6000	5500	5000
Rotary speed(r/min)	0-200	0-150	0-140	0-180	0-160	0~120
Lifting force(kn)	15	15	25	35	50	45
Method of feed	roller chain	leaf chain	roller chain	leaf chain	roller chain	roller chain
Travelling speed(km/h)	0-2.5	0-2	0-3	0-3	0-2.5	0-2
Climbing capacity	25°	30°	35°	30°	25°	30°
Ground clearance(mm)	254	450	450	450	400	410
Weight(kg)	4400	4500	5500	6500	6000	7200
Dimensions(m)	45*21.5*25	55*20.5*22	55*22.9*26	60*23.8*25	60.5*22*26	58*23.3*25
Drilling hardness	f=6~20	f=6~20	f=6~20	f=6~20	f=6~20	f=6~20
Diesel oil tank(L)	100	70	70	70	70	70
Dust collecting	8 core dry	optional	12 core dry	optional	no	16 core dry

Remark:JC729S type drill rig adopts diesel-electric dual power drive, which is especially suitable for mines with grid power supply, and the drive mode can be switched freely.