



SKID-MOUNTED INTEGRATED
SCREW AIR COMPRESSOR
撬装一体螺杆式空压机

Airhorse[®]
艾玛压缩机

广州艾玛压缩机有限公司
GUANGZHOU AIRHORSE COMPRESSOR CO.,LTD



撬装设备的优点

ADVANTAGES OF SKID-MOUNTED EQUIPMENT

1

结构紧凑·节约空间

COMPACT STRUCTURE AND SPACE SAVING



由于撬装装置采用密集型布置，布置紧凑，可大大的减少占地，这对于占土地较多的油气行业来说，意义重大。 Since the skid-mounted device adopts intensive layout and compact layout, it can greatly reduce the land occupation, which is of great significance for the oil and gas industry, which occupies a large amount of land.

2

拆迁方便·便于流动

CONVENIENT DEMOLITION AND EASY TO MOVE



撬装装置具有拆迁(易拆装)的特点。 The skid-mounted device is easy to disassemble and assemble.

3

室内作业·节约成本

INDOOR OPERATION AND COST SAVING



大部分工作在工厂完成，现场安装只需将撬块安装到基础、撬块进出口管线连接以及一些电气仪表的接线工作，大大减少现场工作量和安装时间。

Most of the work is completed in the factory. On-site installation only requires installing the skid to the foundation, connecting the skid inlet and outlet pipelines, and wiring some electrical instruments, which greatly reduces the on-site workload and installation time.

撬装一体中压螺杆式空压机(30~40bar)特点

FEATURES OF SKID-MOUNTED INTEGRATED MEDIUM-PRESSURE SCREW AIR COMPRESSOR (30~40BAR)

- 增压型空压机是大流量中压空气系统的最佳解决方案，能将0.8~1.2MPa气源增压至3.0~5.0Mpa (最大处理流量可达40.0m³/min)
- 最新优化的主机螺杆型线，特殊设计的中压主机，让产品的性能更卓越
- 全系列永磁变频控制，启动平稳，对电网冲击小
- 两级或者三级螺杆主机压缩，体积小，重量轻，占用空间小
- 其低、中压系统互相独立，组合方便，且运行经济可靠
- 全系列匹配风冷系统，不需要安装冷却水塔
- 无需安装基础，安装方便，维护简单便捷
- 自带高效冷冻干燥机，排出的压缩空气露点5~7°C左右
- The booster air compressor is the best solution for large-flow medium-pressure air systems, and can boost the 0.8~1.2MPa air source to 3.0~5.0Mpa (maximum processing flow can reach 40.0m³/min).
- The latest optimized main engine screw profile and specially designed medium-pressure main engine make the product performance more excellent
- The full range of permanent magnet frequency conversion control, smooth start-up, and small impact on the power grid
- Two-stage or three-stage screw main engine compression, small size, light weight, small space occupation
- Its low and medium pressure systems are independent of each other, easy to combine, and economical and reliable in operation
- The full range of matching air cooling system, no need to install cooling water tower
- No need to install foundation, easy installation, simple and convenient maintenance
- Comes with high-efficiency refrigerated dryer, the dew point of the discharged compressed air is about 5~7°C

SKID-MOUNTED INTEGRATED 撬装一体螺 SCREW AIR COMPRESSOR 杆式空压机

撬装一体螺杆式空压机 (8-12bar) 参数表

PARAMETERS SKID-MOUNTED INTEGRATED SCREW AIR COMPRESSOR (8-12 BAR)

型号 Model	排气量 Air Flow (m ³ /min)	排气压力 Exhaust Pressure (Mpa)	出口管径 Outlet Diameter (DN)	机器尺寸 / Size L×W×H (mm)	重量 Weight (kg)
PSC-30A	3.6	0.8	G1 1/2	2900×1350×2240	860
	3.2	1.0			
	2.8	1.3			
PSC-40A	5.0	0.8	G1 1/2	2950×1575×2280	1050
	4.5	1.0			
	3.8	1.3			
PSC-50A	6.2	0.8	G1 1/2	3100×1750×2280	1200
	5.6	1.0			
	4.9	1.3			
PSC-60A	7.0	0.8	G1 1/2	3100×1750×2280	1300
	6.0	1.0			
	5.6	1.3			
PSC-75A	9.1	0.8	G2	3000×2000×3200	1850
	8.5	1.0			
	7.6	1.3			
PSC-100A	12.6	0.8	G2	3100×2120×3200	1960
	11.2	1.0			
	10.0	1.3			

撬装一体中压螺杆式空压机(30~40bar)参数表

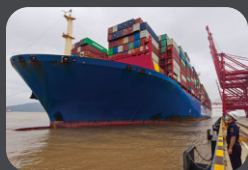
PARAMETER TABLE OF SKID-MOUNTED INTEGRATED MEDIUM-PRESSURE SCREW AIR COMPRESSOR (30~40BAR)

型号 Model	排气量 Air Flow (m ³ /min)	排气压力 Exhaust Pressure (Mpa)	出口管径 Outlet Diameter (DN)	机器尺寸 / Size L×W×H (mm)	重量 Weight (kg)
PSC-30A	3.0	4.0	G1 1/2	2000×1900×1500	860
PSC-40A	4.0	4.0	G1 1/2	2100×2000×1500	1050
PSC-50A	5.0	4.0	G1 1/2	2100×2000×1500	1200
PSC-60A	6.0	4.0	G1 1/2	2100×2000×1500	1300
PSC-75A	8.0	4.0	G1 1/2	2800×1800×2100	1850
PSC-100A	10.0	4.0	G1 1/2	2800×1800×2100	1960

产品运用

PRODUCT APPLICATION

广泛应用于生物、化工、检测试压、船舶，特别在水电站、PET吹瓶以及吹塑机械，检漏气源，军工配套使用。
Widely used in biology, chemical industry, pressure testing, shipbuilding, especially in hydropower stations, PET bottle blowing and blow molding machinery, leak detection gas source, and military industry supporting use.



艾玛压缩机在国内具有较完善的经销商服务体系及5个公司直属售后服务办事处，海外40多个国家分布约130家经销商。可有效对接客户及国内外各种订单，并提供及时有效的售后服务。

AirHorse Compressor has a complete dealer service system in China and 5 after-sales service offices directly under the headquarters, and we have about 130 dealers in more than 40 countries overseas. It can effectively provide service for our customers and process various orders in China and abroad market, we will provide timely and effective after-sales service for you.

AirHorse 艾玛

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*温馨提示：本参数表仅供参考，本公司可能对相关参数进行调整，如有变动，恕不另行通知，若有不明处，欢迎来电询问。

*FRIENDLY REMINDER: This parameter list is for reference only. We may adjust the related parameter. if there is any change, we will not inform you otherwise. If you do not know, please call us.

*温馨提示：本公司产品标准适用于海拔1000米以下地区。若使用环境海拔超过1000米，欢迎来电咨询，进行定制化配置，以确保设备性能与运行安全。

*FRIENDLY REMINDER: The standard specifications of our products are applicable to regions with an altitude below 1,000 meters. For usage environments exceeding 1,000 meters above sea level, please feel free to contact us for customized configurations to ensure optimal equipment performance and operational safety.