

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

hra@nt-rt.ru || <https://highair.nt-rt.ru/>

Biogas Compressor



U.S Made Gas End

America's most advanced gas end

Proven skid-type

Meet the requirement of portable works

"Suction 0.67bar (vacuum) to 3.45barG

Delivery upto 35barG

Capacity upto 3.6MMSCFD

High Air Rotary Screw BIO Gas Compressors are very cost-effective for handling high volumes of gas in field gathering, Rotary screw Natural.

Gascompressors are ideal in large volume/low suction pressure applications and to upgrade existing reciprocating compressor installations.

Since they operate with few moving parts, low maintenance and high reliability are inherent in rotary screws.

As the authorized compressor packager by US Gas Ends Manufacturer, High Air dedicates itself to providing the best services and products for the customers all over the world. We can customize the products based on the customers'requirement.

Features

- Skid with market proven US made gas ends.
- Versatrol internal bypass valves(option)
- VFD control(option)
- Wide range of capacity control, full automatically.
- All climate design, even for tough environment.
- Fully-automatic control can realize the system running without anyone on duty.
- Adjustable Vi match the internal compression to the application requirement for maximum compression efficiency.
- 6000V/10000V explosion-proof motor upon request.

Overview		Coolers	Clearances	P & T Trails	Results
SITE BAROMETER					
Elevation Above Sea Level	<input type="text" value=""/>	feet			
Pressure, Barometer	<input type="text" value="14.696"/>	psia			
GAS STREAM					
Specific Gravity	<input type="text" value="0.650"/>	<input type="button" value="Gas Analysis"/>			
Mole Weight	<input type="text" value="18.831"/>				
Specific Heat, Cp	<input type="text" value="0.526"/>	BTU/lb-°F			
Specific Heat Ratio, Cp/Cv	<input type="text" value="1.251"/>				
OPERATING CONDITIONS					
Temperature, Ambient	<input type="text" value="90.0"/>	°F			
Temperature, Suction	<input type="text" value="80.0"/>	°F			
Pressure, Suction	<input type="text" value="25.0"/>	psig			
Pressure Loss, Suction, Skid	<input type="text" value="3.0"/>	psi			
Pressure, Discharge, Skid	<input type="text" value="200.0"/>	psig			
PERFORMANCE PREDICTION					
Capacity Estimated	<input type="text" value="1.282"/>	MMscfd			
Compression Power Required	<input type="text" value="146.8"/>	bhp			
Driver Power Required	<input type="text" value="153.8"/>	bhp			
Driver Percent Load	<input type="text" value="90.5"/>	%			
<input type="button" value="Within All Limits"/>					
DRIVER					
<input checked="" type="radio"/> Engine <input type="radio"/> Motor					
Make	<input type="text" value=""/>	Model	<input type="text" value=""/>		
Site Rated	<input type="text" value="170.0"/>	bhp at	<input type="text" value="1800"/>	RPM	
Actual Engine RPM	<input type="text" value="1800"/>	RPM			
Engine Power at Actual RPM	<input type="text" value="170.0"/>	bhp			
Cylinders Friction Power Loss	<input type="text" value="3.0"/>	bhp			
Cooler Pack Fan Power	<input type="text" value="4.0"/>	bhp			
Compression Available Power	<input type="text" value="163.0"/>	bhp			
<input type="button" value="CALC Capacity & Power"/> Clearances Fixed					
COMPRESSOR					
Compr Model	<input type="text" value="10 & 6"/>				
Frame Model	<input type="text" value="PH12"/>				
2 Throws	2 Stages	2 Cylinders			
Cylinder Stroke	<input type="text" value="3.000"/>	inch			
MAX Rod Load, Tension	<input type="text" value="10,000"/>	lbs			
MAX Rod Load, Compression	<input type="text" value="11,000"/>	lbs			
MAX Rod Load, COMBINED	<input type="text" value="20,000"/>	lbs			



Professional calculation

Bio Gas Screw Compressor for Sugar Industry

HIGH Air Company, as a reliable air compressor manufacturer in China, besides this biogas compressor with capacity upto 3.6MMSCFD, also offers wellhead gas compressor, CNG and BOG compressor, reciprocating air compressor, nitrogen compressor and high pressure compressor. If you want to buy compressors with specific requirements, please let us know and we will provide custom air compressors for you.

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