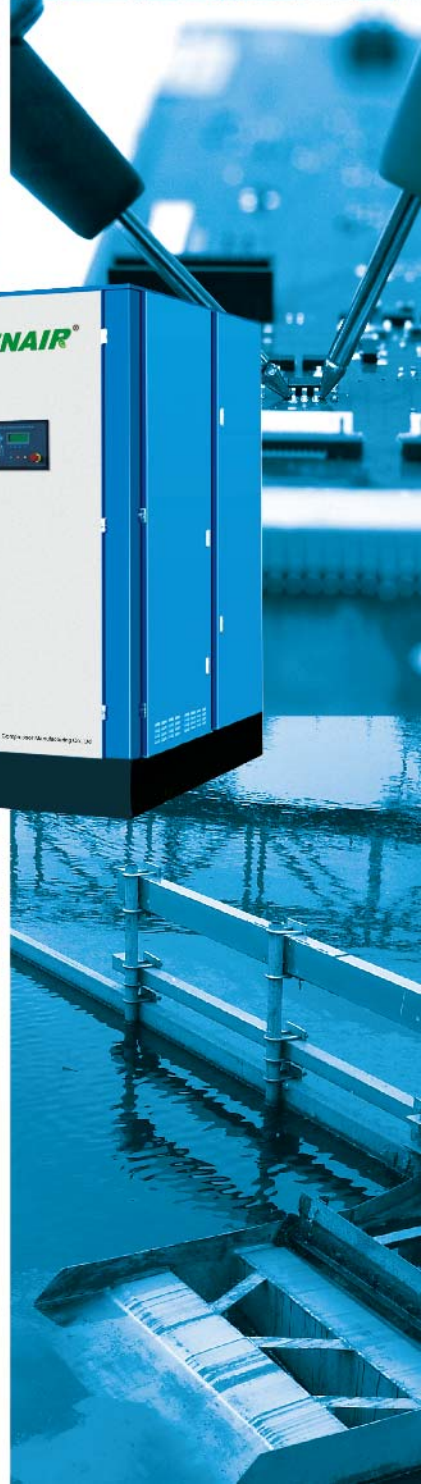
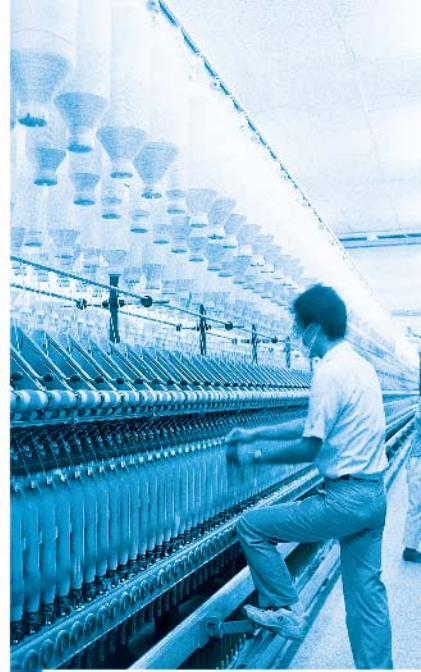


DENAIR®

Low Pressure Screw Air Compressor

Product Brochure



Energy Saving First Mutual Value Shared

Company Profile

Shanghai Denair (Group) Co.,Ltd is a Sino-German joint venture enterprise group integrating R&D,manufacturing and marketing. The company brought in advanced compressor R&D and manufacturing technology of Germany Denair Group to make product development and large-scale production, including piston air compressors, double screw air compressors, Diesel Portable Air Compressors, High and Medium Pressure Air Compressors, Oil-free Air Compressors and compressed air treatment equipment.

Shanghai Denair (Group) Co.,Ltd not only set up integrated R&D and testing center, but also passed ISO9001, CE, GC,NEETLC etc.

Meanwhile, Shanghai Denair Group Co.,Ltd created unique “Showroom+4S” sales and service mode in this industry. The sales and service network is divided into Domestic 8 areas: East China, South China, North China, Northwest China, Central China , Northeast China, Southwest China and Yangtze Delta and we set up offices in major cities of China to provide our customers with excellent and quick maintenance and repair services through our excellence service staffs.

Denair compressor also owns integrated sales and service network in the whole world including Africa, Southeast Asia, Middle East, Middle East, South America, North America and Oceania etc. with over 200 sales points.

Energy Saving First, Mutual Value Shared, Denair compressor is willing to be your best friend.



Quality Certificate Authentication



GC energy-saving certification



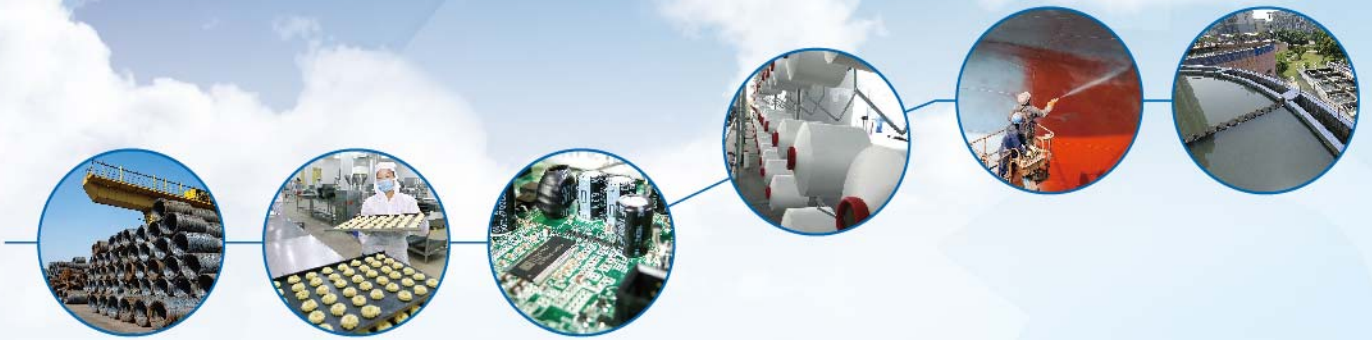
CE European Union standard certification



ISO9001 the United Kingdom LRQA Certification

DENAIR Low Pressure Screw Air Compressor

Denair specially produces 0.3Mpa/0.5Mpa low pressure and energy saving screw air compressor series for textile, coating, cement, glass, water treatment, building materials, food processing, electronics industry etc.



DENAIR Low Pressure Screw Air Compressor

Compared to the 0.7-0.8Mpa series screw air compressor, denair 0.3-0.5Mpa energy saving screw air compressor series, can effectively realize to save more than 30% energy, let you get back original-purchase machine cost within 1 year.

Denair provides super energy-saving low pressure compressor. To meet the requirement of chemical fiber texturing machine industry low pressure compressor and national level texturing enterprise energy conservation and emission reduction. Denair sets up a specialized R&D team. After a long time inspections in many ways, fine calculation and absorbing advantages of every kind of brands in the world of low pressure screw air compressor, confirmed the design project of the low pressure screw air compressor finally. By many texturing machine enterprises trying out and summarizing the experience that Denair low pressure screw air compressor is the most suitable brand for chemical fiber texturing machine industry. It can reduce more than 35% energy consumption for enterprises and countries and is also one of minority manufacturers in the world, who can produce low pressure air compressor.

With a 40 CUBIC 250 Kw (actual power about 280Kw) ordinary air compressor for the use of texturing as an example. Denair low pressure screw air compressor can save the cost for the enterprises who use texturing machine: $365 \times (280 - 160 \text{Kw}) \times 24 \times 1.2 \approx \text{USD} 211,000.00 / \text{year}$. If using Denair low pressure air compressor, only one texturing machine with 120 spindles can save electric energy about about 21 million US Dollars every year. Generally the texturing enterprises have multiple texturing machines, that means Denair low pressure screw air compressor can save the electric energy cost up to more than 1.7 million US Dollars every year.





Efficient air end

No intermediate transmission, so there is no loss of energy consumption. Direct driven increases the reliability and reduces maintenance costs. The greater rotor runs, running with low-speed. Higher efficiency, lower noise, less vibration, lower energy consumption.

High reliability, low oil content

Denair low pressure screw air compressor adopts high efficient oil-air separation system, ensures that the oil content of the compressed air under 3 ppm.

Intelligent control, real-time supervision

Equipment energy saving is not limited and the system design of single, multiple on-line is the most effective way of energy saving, Denair energy saving control system makes obvious effect, in the realization of the combined control, just have your support, we can through the Internet, all running state real-time view of air compressor using remote software, realize the immediate medical examination.

More energy-saving

Whether you are a new investment, or replace the existing air compressor with exhaust pressure 7-8Bar, our low pressure screw air compressor will save more electricity cost for you.

Tailor-Made

If your device only needs 5 Bar compressed air or below, our low pressure screw air compressor is your best choice.

Preventing rain, dust, foreign matter, cooling air side in and side out, high precision double-deck filter etc. design better to adapt to the cement, textile and other harsh working environment.

DENAIR Low Pressure Screw Air Compressor

DENAIR Low Pressure Screw Air Compressor Advantage

Energy Saving

1. Customized design the low pressure screw air compressor with exhaust pressure:2-5 Bar for the textile, cement and glass industries.The minimum pressure can reach 1.5Bar.
2. Designing the air end independently for low pressure, reducing exhaust pressure,higher efficiency.
3. Adopting oil pump forced lubrication to ensure that it has enough fuel injection quantity under extreme low exhaust pressure,maintains the best mixing ratio of oil and gas.

Features

1. Adopting big rotor.slow-speed of revolution,guarantee the machine high-effect performance.
2. Increasing oil gas separator guaranteeing the oil content 2-3ppm.
3. Oil cooler's cooling area increase by more than 30%, which ensures the normal operation in the hot temperature.
4. Independent design of the air end internal pressure ratio to guarantee the specific power.
5. Intelligent control system automatically adjust air delivery based on customer requested air flow (variable frequency models)



DENAIR Low Pressure Screw Air Compressor Technical Parameters

Model	Working pressure	Air delivery (m ³ /min)	Motor Power(KW)	Driving mode	Dimensions(mm)			Weight(kg)
					L	W	H	
DAL-22A-3	3 bar	6.55	22	Direct Driven	1450	975	1255	800
DAL-37A-3		10.7	37		1650	1200	1350	1300
DAL-55A-3		17.5	55		1900	1200	1500	2000
DAL-90A-3		25.5	90		2600	1550	1800	2800
DAL-132A-3		39.9	132		2600	1550	2000	3800
DAL-200A-3		55.8	200		3700	1900	2200	4800
DAL-90W-3		25.5	90		2450	1600	1800	2800
DAL-132W-3		39.9	132		2600	1550	2000	3800
DAL-200W-3		55.8	200		3700	1900	2200	4800
DAL-355W-3		92.0	355		4000	2200	2450	6500
DAL-30A-5	5 bar	6.55	30		1650	1200	1350	1100
DAL-45A-5		10.7	45		1700	1200	1350	1700
DAL-55A-5		12.5	55		1900	1200	1500	2000
DAL-75A-5		17.5	75		2150	1350	1650	2400
DAL-90A-5		22.8	90		2600	1550	1800	2800
DAL-110A-5		25.5	110		2600	1550	2000	3500
DAL-160A-5		40.0	160		2800	1950	2000	4200
DAL-185A-5		45.2	185		2800	1950	2000	4500
DAL-250A-5		55.9	250		3700	1900	2200	4800
DAL-90W-5		22.8	90		2600	1550	1800	2800
DAL-110W-5		25.5	110	2600	1550	2000	3500	
DAL-160W-5		40.0	160	2800	1950	1900	5000	
DAL-185W-5		45.2	185	2800	1950	1900	5500	
DAL-250W-5		55.9	250	3700	1900	2200	6000	



DENAIR Perfect Global 4S Sales Service Network

- 1、 Sales Service System covers the whole China, and after-sales system is of nationwide warranty
- 2、 Our 200 abroad authorized distributors around the world construct the worldwide warranty system

Contact Us

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