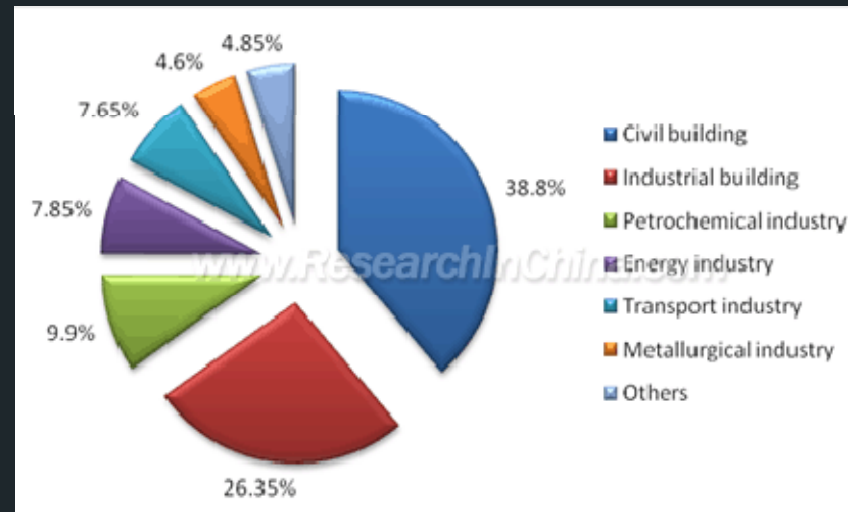


China Fan Industry Report, 2009-2010



Fans refer to ventilations and air treatment equipments including ventilator, blower and compressor, which are widely used in all walks of life such as industrial and civil architecture, metallurgy, energy and chemical industry. It can be seen from application fields of fans that, medium-and low-end fans predominate the industrial and civil building market with a big share of 65.15%. With the sustained growth of China's economy, fan products applied in industrial & civil buildings will maintain its upward growth.

Application Fields of China-Made Fans, 2009



Source: China General Machinery Industry Association; ResearchInChina

Meanwhile, with the robust development of China's heavy industry including energy, petrochemical and metallurgical sectors as well as enhanced infrastructure construction, there is a considerable demand for high-end fans in such industries as nuclear power, wind power, petrochemical, urban rail transport system and tunnel system. In 2009, the demand for fan equipments in industries of nuclear power and subway valued RMB300 million and RMB750 million respectively. And it is estimated China's demand for fan equipments in highway tunnel industry will surpass RMB7.5 billion by 2013.

Fan Demand in Nuclear Power, Metro and Tunnel System Industries, 2009-2013E

(Unit: RMB in Millions)

Application Field	Demand Scale				
	2009	2010	2011	2012	2013
Nuclear Power	300	700	900	1,000	1,200
Subway	748	1,419	842	1,053	
Highway Tunnel	7,500				

Source: ResearchInChina

Regarding domestic fan enterprises, key players like Xi'an Shaangu Power, Shenyang Blower Works Shop, Nanfeng Ventilator and Jin Tong Ling Fans are developing their own technology strength through enhanced input in technological R&D. A case in point is Xi'an Shanngu Power which has been in the position to compete its international counterparts in high-end fan products such as axial compressors and energy recovery equipments with industrial processing. Thanks to such competitive edge, the two businesses of Xi'an Shaangu Power take a market share of over 90%.

Table of Contents

- **1. Overview of Fan Industry**
 - 1.1 Definition
 - 1.1.1 Ventilator
 - 1.1.2 Compressor
 - 1.1.3 Blower
 - 1.2 Classification
 - 1.3 Application
- **2. Policy Environment**
 - 2.1 Supervision Mechanism
 - 2.2 Industrial Policy
- **3. Status Quo of China Fan Industry**
 - 3.1 Operation
 - 3.2 Demand
 - 3.2.1 Industrial and Civil Building
 - 3.2.2 Nuclear Power
 - 3.2.3 Subway
 - 3.2.4 Tunnel
 - 3.3 Fan Technology Development in China
 - 3.3.1 Technological Progression
 - 3.3.2 Status Quo of Technologies
- **4. Competition in China Fan Industry**
 - 4.1 Competition Pattern
 - 4.1.1 Market Competition of Key Technological Equipment Fans
 - 4.1.2 Market Competition of Fans with Ordinary Function
 - 4.2 Entry Barriers of Fan Industry
 - 4.2.1 Barrier in Technology and R&D
 - 4.2.2 Barrier in Human Resources
 - 4.2.3 Barrier in Customer Resource & Marketing Channel
 - 4.2.4 Barrier in Equipment & Capital
 - 4.3 Influencing Factors to the Development of Fan Industry
 - 4.3.1 Positive Factors
 - 4.3.2 Negative Factors

- **5. Leading Manufacturers**
- 5.1 Manturbo
 - 5.1.1 Profile
 - 5.1.2 Major Products
 - 5.1.3 Operation
 - 5.1.4 Manturbo (Changzhou)
- 5.2 Howden
 - 5.2.1 Profile
 - 5.2.2 Operation
 - 5.2.3 Howden Hua Engineering
- 5.3 Xi'an Shaangu Power
 - 5.3.1 Profile
 - 5.3.2 Operation
 - 5.3.3 Investment
 - 5.3.4 Core Technology Advantage
- 5.4 Nanfeng Ventilator
 - 5.4.1 Profile
 - 5.4.2 Operation
 - 5.4.3 Investment
 - 5.4.4 Technology Advantage
- 5.5 Shenyang Blower Works Shop
 - 5.5.1 Profile
 - 5.5.2 Major Products
 - 5.5.3 Operation
- 5.6 Zhejiang Shangfeng Industrial Holdings
 - 5.6.1 Profile
 - 5.6.2 Operation
 - 5.6.3 Development Prospect
- 5.7 Shanghai Blower Works
 - 5.7.1 Profile
 - 5.7.2 Technology Advantage
 - 5.7.3 Operation
- 5.8 Shandong Zhangqiu Blower
 - 5.8.1 Profile
 - 5.8.2 Operation
 - 5.8.3 Technology Advantage
- 5.9 Jiangsu Jin Tong Ling Fans
 - 5.9.1 Profile
 - 5.9.2 Sales Volume of Prime Products
 - 5.9.3 Operation
 - 5.9.4 Investment
 - 5.9.5 Competitive Advantage

- 5.10 Siping Blower
 - 5.10.1 Profile
 - 5.10.2 Technology Advantage
 - 5.10.3 Operation
- 5.11 Chongqing General Industry(Group)
 - 5.11.1 Profile
 - 5.11.2 Operation
 - 5.11.3 Development Strategy
- 5.12 Wuhan Blower
 - 5.12.1 Profile
 - 5.12.2 Operation

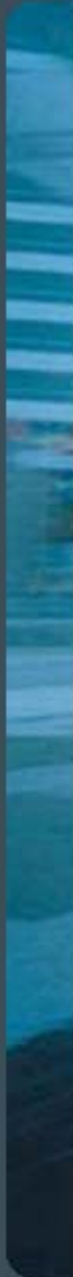
Selected Charts

- Classification of Fan Products by Criteria
- Downstream Application of Fan Products, 2009
- Key Industrial Policies Concerning Fan Industry
- Asset Scale of China Fan Industry, 2005-2010
- Accumulated Output of China-made Fan Products, 2005-2010
- Accumulated Operating Income and Total Profit of China Fan Industry, 2005-2010
- Market Scale of Fan Products for Civil Buildings in China, 2007-2009
- HVAC Equipment Import Substitution of Nuclear Power Projects Constructed or Under Construction in China by July 2009
- Market Demand of HVAC Nuclear Power Equipments in China, 2009-2012E
- Market Scale of Subway Fan Market in China, 2009-2020
- Tunnel Ventilation Means & Fan Types
- New Orders and Revenue of Manturbo, 2002-2009
- Net Profit and Sales Margin of Manturbo, 2002-2009
- History of Manturbo (Changzhou)
- New Orders and Operating Income of Howden, 2007-2009
- Operating Profit and Operating Margin of Howden, 2007-2009
- Operation Income of Howden by Region, 2007-2009
- Prime Operating Revenue of Howden Hua Engineering, 2004-2009
- Market Shares of Leading Fan Products of Xi'an Shaangu Power, 2008
- Operating Income and Net Profit of Xi'an Shaangu Power, 2007-2009
- Operating Income of Xi'an Shaangu Power by Product, 2007-2009
- Operating Income of Xi'an Shaangu Power by Sector, 2007-2009

- Operating Income of Xi'an Shaangu Power by Region , 2007-2009
- Projects under Construction of Xi'an Shaangu Power, 2010
- Key Technology Level of Major Products of Xi'an Shaangu Power
- Major Products of Nanfeng Ventilator
- Operating Income and Net Profit of Nanfeng Ventilator, 2006-2010
- Operating Income of Nanfeng Ventilator by Sector, 2006-2009
- Projects under Construction of Nanfeng Ventilator, 2009
- Output Value of Major Subsidiaries of Shenyang Blower Works Shop, 2009
- Operating Income and Total Profit of Shenyang Blower Works Shop, 2006-2009
- Operating Income and Net Profit of Zhejiang Shangfeng Industrial Holdings, 2005-2010
- Operating Income of Zhejiang Shangfeng Industrial Holdings by Product, 2007-2009
- Bid Winning of Nuclear Power Fan Products of Zhejiang Shangfeng Industrial Holdings
- Operating Income and Total Profit of Shanghai Blower Works, 2004-2010
- Operating Income from Newly Increased Businesses of Shanghai Blower Works, 2009-2010E
- Application Fields of Major Products of Shandong Zhangqiu Blower
- Prime Operating Revenue and Total Profit of Shandong Zhangqiu Blower, 2007-2009
- Capacity Utilization of Standard Large-Scale Centrifugal Fans of Jin Tong Ling Fans, 2007-2009
- Output and Sales Volume of Major Products of Jin Tong Ling Fans, 2007-2009
- Operating Income and Net Profit of Jin Tong Ling Fans, 2007-2010
- Operating Income of Jin Tong Ling Fans by Product, 2007-2009
- Operating Income of Jin Tong Ling Fans by Sector, 2007-2009
- Projects to be Invested of Jin Tong Ling Fans, 2010
- Client List of Major Products of Siping Blower



- Prime Operating Revenue and Total Profit of Siping Blower, 2007-2008
- Prime Operating Revenue and Total Profit of Chongqing General Industry(Group), 2004-2008
- Strategic Planning & Operational Objective of Chongqing General Industry (Group), 2009-2018
- Prime Operating Revenue and Loss of Wuhan Blower, 2004-2008



How to Buy

Product details			How to Order
Single user	USD 1,500	File PDF	By email: report@researchinchina.com
Enterprisewide	2,300	PDF	By fax: 86-10-82601570
Publication date: July 2010			By online: www.researchinchina.com
For more information, call our office in Beijing, China:			
Tel: 86-10-82600828			
Website: www.researchinchina.com			