



In-depth Research and Development Forecast of China Solid Tire Market, 2013-2017

(Sample)

Huidian Research

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4. Development Status Quo of China's Solid Tire Industry

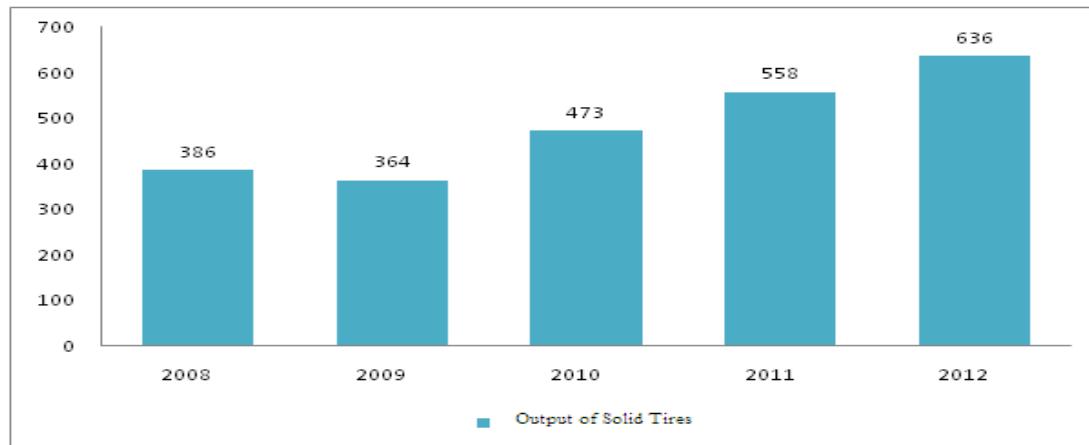
4.1 Development Status Quo

There are a lot of domestic solid tire brands, such as Carlisle, WANLI, DOUBLESTAR, CHENG SHIN, AAVANCWE and ITL as well as SOLIDSTAR and EXMILE of Yantai C.S.I. Rubber Co., Ltd.; the foreign solid tire brands include Bridgestone, GPX, STRDA, and HORSE BRAND.

Most of the independent brand manufacturers own the price advantages, but we have to admit that there exists a large gap compared with the foreign products in terms of the core technology.

At present, China has about 60 manufacturers of solid tires and the overall capacity reaches 7.5 million tires per year; in 2012, the output of domestic solid tires reached 6.36 million tires with the capacity utilization rate of about 85%. Among the domestic solid tire manufacturers, there are five powerful ones, namely Yantai C.S.I. Rubber Co., Ltd., Shandong Zhongce Tire Co., Ltd., Hebei Starbright Tire Co., Ltd., Guizhou Tire Co., Ltd. and Zhaoyuan City Dongsheng Latex Goods Co., Ltd. and Yantai C.S.I. Rubber Co., Ltd. has the most well-known solid tire products within the industry.

Fig.3 Output of China's Solid Tires, 2008-2012 (unit: 10,000 tires)



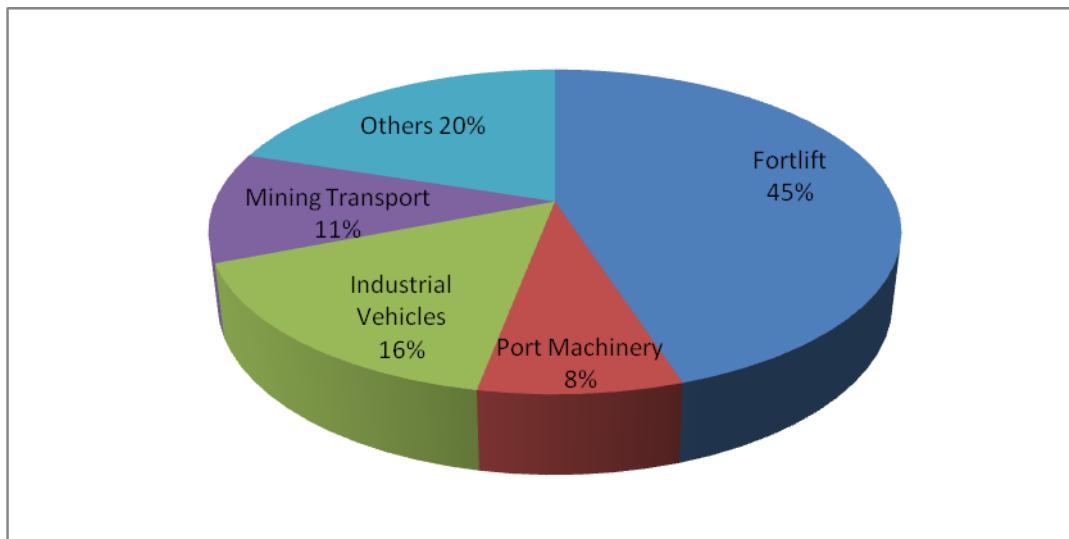
Source: Huidian Research

4.2 Demand Status Quo and Trends

The solid tire is widely applied to the following fields, such as various industry vehicles, military vehicles, construction machinery, and ports as well as airports etc. Seen from the downstream application, forklifts account for about 45% in the demand structure of

solid tires. In terms of the logistic handling tools with the widest application, since 2000, under the driving of urbanization and industrialization, the market demand for China's forklift has risen rapidly; the sales volume of forklifts has risen rapidly at the compound annual growth rate of 23.5%.

Fig.4 Demand Structure of Solid Tires

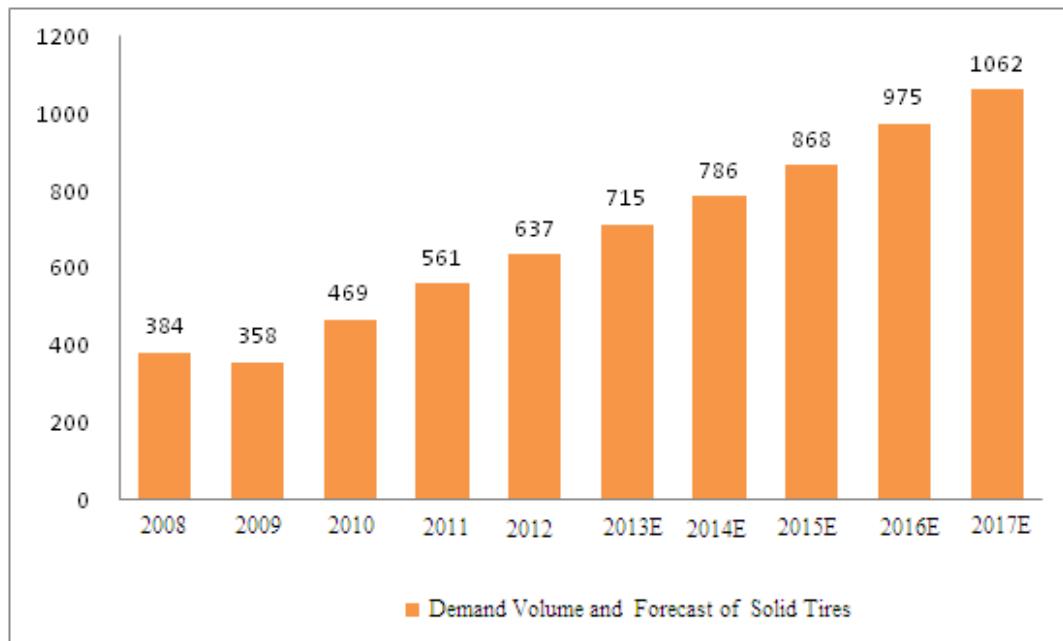


Source: Huidian Research

The accelerated development of the engineering transport industry accelerates the demand for solid tires for recent years, especially the great increase of the forklift production and sales volume. Since affected by the financial crisis, because of the slump export market and slowing demand, the output and demand volume of China's vehicle solid tires decline obviously. In 2012, as the forklift industry became warming, the output of China's vehicle solid tires greatly increased with the growth rate of more than 20%. It is predicted that under the background that the output and sales volume of industry vehicles rise steadily, the output of China's solid tires will also keep the steady increase in 2013.

Fig.5 Demand Volume and Forecast of China's Solid Tires, 2008-2017

(Unit: 10,000 tires)



Source: Huidian Research

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